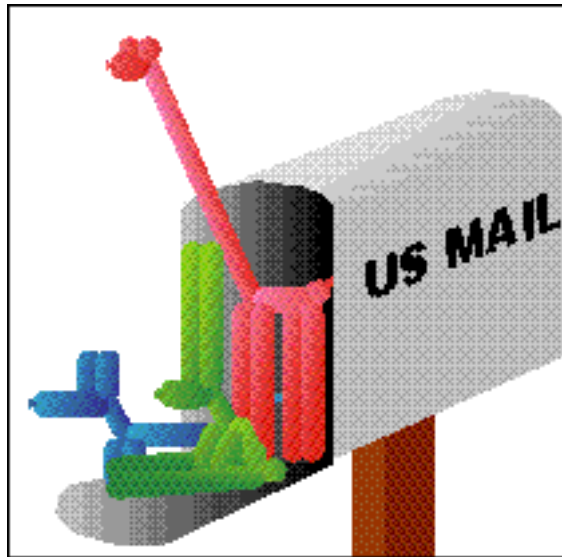featured sponsor:

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- [X-rated balloons](#) - (J.J. Smith)
- [Yoda](#) - (Dan Guterman)

MB, LM, DD original SIM lists
DD 6/??/96, posts up to 5/30/96
DD 11/27/96, posts up to 11/12/96

LM 12/11/97, posts up to 2/03/97
LM 12/17/97, unposted, graphical additions

Sorry to hear about Mike Decker's heart attack, whenever I'm told of
something like this I ponder the transience of life and realise the time to
be happy and make others happy is *now*.

So here for your enjoyment are the Ballooni Brothers -- acrobats. Strangly
enough I dreamt these guys, I was wandering through a mall and saw someone
with one on a tightrope. I tracked down the sculpture but before he could
show me how to make them I was kicked awake by my partner :(Thus the
following is only an approximation;

1. Inflate leaving 6". Use an opaque balloon (i.e. blue, pink or white
Qualatex). Don't burp much, these guys need to be turgid.

```
.(_)(___)(_)(__)(___)(_)(__)(___)(__)(__)(__)(__)(_)...                    /o  o\
    _____/_____/\_/_____/_____/                            >--<
 belly    arm                 arm      head    leg        leg      back
face (draw on)
```

2. Eartwist all the little bubbles i.e. belly, hands and back any excess
tail/nozzle gets twisted inside (intestines!). Now move everything into
place. The longer bits of the arms should slot into the creases in the side
of the head. The shorter arm bits should slot into the creases in the legs.
The whole should be star shaped, locked tight and very fat. Draw a slightly
concerned (but happy) looking face on and write "BB" on the belly.

3. Squeeze a washer or coin in to both legs. Viola! One acrobat. Make a
bunch, they balance on each other. When you push over them they stand back
up. When you throw them they bounce around a bit then stand upright. Cool
hey? Try putting a balloon circle on the ground and having an
acrobat-throw-off. Have an acrobat-and-spoon running race.

A tightrope;

1. Inflate black balloon leaving 3". Apple twist a colourful uninflate
balloon into the end with a 1" apple twist. i.e. Push the end of the
uninflated balloon with one finger until it is inside the nozzle end of the
inflated balloon. With the other hand grab the intrusion about an inch

```
into the inflated balloon, withdraw finger and give the balloon a few
twists. It should stay on it's own.

2. Twist the following;

....................(a)(_____)(_)(_)(_____)(_)(_)(_____)(_).
uninflated 'loon    upright stand        base        stand  upright apple2

The little bubbles labeled "stand" each get ear twisted. Twist the
uninflated balloon 5 times. Then apple twist it in to the final bubble
labeled "apple2" along with any excess balloon. It should come out
non-twisted :) The end result should stand up and look like a tightrope;


    (-)............................(-)
     |   |                        |   |
     |   |                        |   |
     |   |                        |   |                    (don't use
yellow as the rope, I don't know
   (_))(_____)((_)                    if I'm just dirty minded but
then it looks like
                                                  two guys
urinating)


Enjoy, Simon.
```

```
From balloon-request@cvs.rochester.edu Thu Jun 15 18:07:26 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA03916
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 15 Jun 1995 18:07:26
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA07274; Thu, 15 Jun 95 18:06:31 EDT
Resent-Date: Thu, 15 Jun 95 17:06:18 EST
Old-Return-Path: <davidgra@nmaa.org>
From: davidgra@nmaa.org
Message-Id: <9506151706.z0166tL@nmaa.org>
X-Mailer: UUPlus Mail 1.51
To: balloon@cvs.rochester.edu
Subject: re: acrobats
Organization: nmaa.org (multimedia!)
Date: Thu, 15 Jun 95 17:06:18 EST
Resent-Message-Id: <"EVwa43.0.Zn1.cxAul"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/334
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

I found if you don't put the bubbles on the feet, they work better.
Also the belly is not required. I made some for the kids around here
and they love them. Thanks. Here is a modification for what it is
worth.

```
 __  _  __  __  _  __  ___  ___  ___  ___  ___  _____
(__)(_)(__)(__)(_)(__)(___)(___)(___)(___)(___)(_____
_____/  _____/  _____/  _____/  \_/ \____/
  arm         arm        leg       leg      head  excess or hair or hat
                          "c"       "c"
```

Put a coin at the "c" position. When thrown, the acrobat will always
stand up. Also when a kid wants one you tell them that you will need a
few coins, so they have to provide a "tip" which you make change to
provide the money for the character.

```
From moss Fri Sep 18 14:43:45 1992
From: moss@essence.cvs.rochester.edu (Larry Moss)
Date: Fri, 18 Sep 1992 14:43:45 EDT
X-Mailer: Mail User's Shell (7.2.1 12/20/90)
To: balloon@gawain.cif.rochester.edu
Subject: airplane
Status: OR
```

It's been a while since I've posted anything, but no one else has
either. Maybe this will stir things up?

This summer I definitely fell in love with large sculptures. Here's one
that I've been meaning to write up for a while. I'm feeling frustrated
enough with work right now that this seems like a great time to do it.
If anyone else has any other large sculptures, please post them, or at
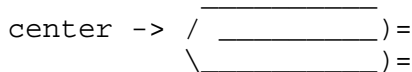least ideas or books that they can be found in.

This is a very simple thing to make. It just won't be very easy to draw.
The airplane requires 4 260's. Fill the first balloon, leaving about a
3-inch tail. The second balloon should be filled almost completely. We
want this to be as long as possible, but it should be soft enough at the
ends to make a couple of twists. What I do is wrap 2 fingers around the
nozzle end of the balloon as I blow it up so that there's a little
unfilled area in the balloon. (there are other techniques for getting
the balloon to start filling in sections other than right at the nozzle.
Anyone care to explain a favorite method?). I then leave about the same
amount of space at the tail end of the balloon.

The balloons now get twisted together at their centers. That is not the
center of the inflated portion. that's the center of the balloon. Find
the center by folding the balloon in half so that the ends meet.

balloon 1 (with 3 inch tail):

```
                _____
center ->  / _____)
           _____)===
```
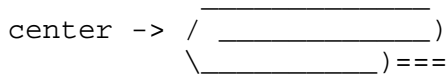
balloon 2 (with space at each end):

```
             _____
center ->  / _____)=
           _____)=
```


result:

```
              /\
             |  |
             |2 |
             |  |
             |  |
      _____|  |_____
    (___1_____><_____)==
          ^  |   |  ^
          |  |   |  |
          |  |   |  |
          A  |   |  B
             |   |
              \ /
```
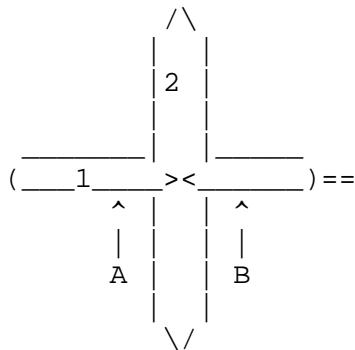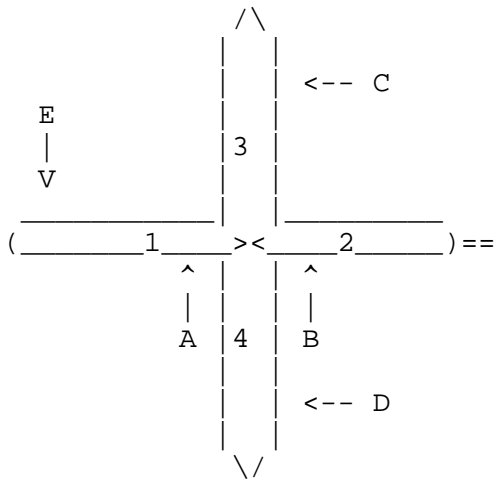
In the above picture, points A and B mark the next twist. The scale is
off quite abit though. That twist should be about 4 inches from the
center twist. The loop formed by twisting those pieces together is where
the wings will be slid in later.

I'm not sure I can draw the rest of this with ASCII characters so I'll
just draw a diagram showing where the twists will go. Numbers in the
following picture refer to a section of balloon. Sections 1 and 2 are
from balloon 1. Sections 3 and 4 are from balloon 2. Letters are where
twists will go.

```
                     /\
                    |  |
                    |  |  <-- C
        E           |  |
        |           |  |
        |           | 3|
        V           |  |
     _____    |  |_____
    (_____1____><____2_____)==
                  ^ |  | ^
                  | |  | |
                  | |  | |
              A  |4 |  B
                  | |  |
                  | |  |  <-- D
                  | |  |
                  | |  |
                   \/
```

At this point A and B should already be twisted together. Sections 1, 3
and 4 should be twisted together at C, D, and E. E should be about 2
inches from the end of section 1. 3 and 4 shoudl extend a couple of
inches further than 1 since there was more air in that balloon to begin
with. In other words, the section of balloon from teh center to points
C, D, and E should be the same length. Hmm, maybe I will try this:

```
     _____
    (_____3_____\
     _(__1_=(_5_)(_2_|
    (_____4_____/
          ^
          |
        C,D,E
```
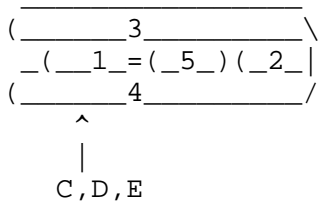
That looks real confusing since sections 2 and 5 overlap on 1 in tis
picture. 5 is the remaining portion of 2 after it gets twisted into 1
(above). Those 3 long bubbles form the body of the plane.

```
     __  _____
    (7_)(___3_____\
     (6)(1_=(_5_)(_2_|
    (8_)(__4_____/
          ^
          |
        C,D,E
```
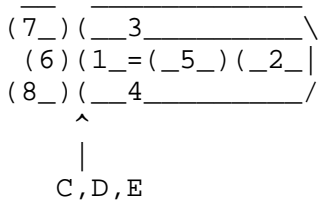
To help you get oriented, 6 is the tail fin. 7 and 8 are tail wings.
Here's the reason you left air at the ends of the balloon. I like to
fold 7 and 8 over to form better looking wings (basically ear twists).
Bubble 5 will be used to form struts and wheels. Do a pop twist with
that section. That's one large bubble (~3 inches), 3 small bubbles,
another large bubble and twisst back into the start of section 5.

Section 5 blown up:

```
          __ <-- points A and B from earlier
         /  \
```

```
     /  /\  \
     \/   \/
   (_)__(_)   <-- ear twist these bubbles
      (__)   <-- pop this one
```

now all you're missing is the wings and propeller. Wings are easy. Take
one 260 filled almost completely, leaving only enough of a tail to be
able to tie it to the nozzle. Fold it, but don't twist anything so that
it looks like the following.

```
      _____
     / _____  \
     _____)(_____/
                ^
                |
          This is where it's tied together.
```

Slide that into the only logical place for it on the body of the plane.
That's just forward of the struts in the small loop formed by one of your
early twists. the knot on the wings should be facing the back of the
plane. All structural components of the body of the plane should be
above the wings (only section 2 should be below it and holding it in
place). To make it look a bit better, bend the wings upward at the
ends. I basically roll the wings around the top of the plane and almost
into each other so that when I let go they have kind of an upward curl to
them. (Gives it kind of a Satruday morning cartoon look).

The propeller is as simple as the wings. Fill the last balloon forming
about a 10 inche bubble. Tie the nozzle to the base of the tail. Then
twist the round bubble in half forming two round bubble.

```
    \
     \o <-- nozzle and tail get tied together.
    /  \
   ( () )
    \__/
      ^
      |
    twist down the middle
```

Attach this to the front of the plane with the remaining tail. I won't
try to explain how to tie it on.

As always, let me know if anything needs clarification.

Larry

A space Alien

by Mark Burginger
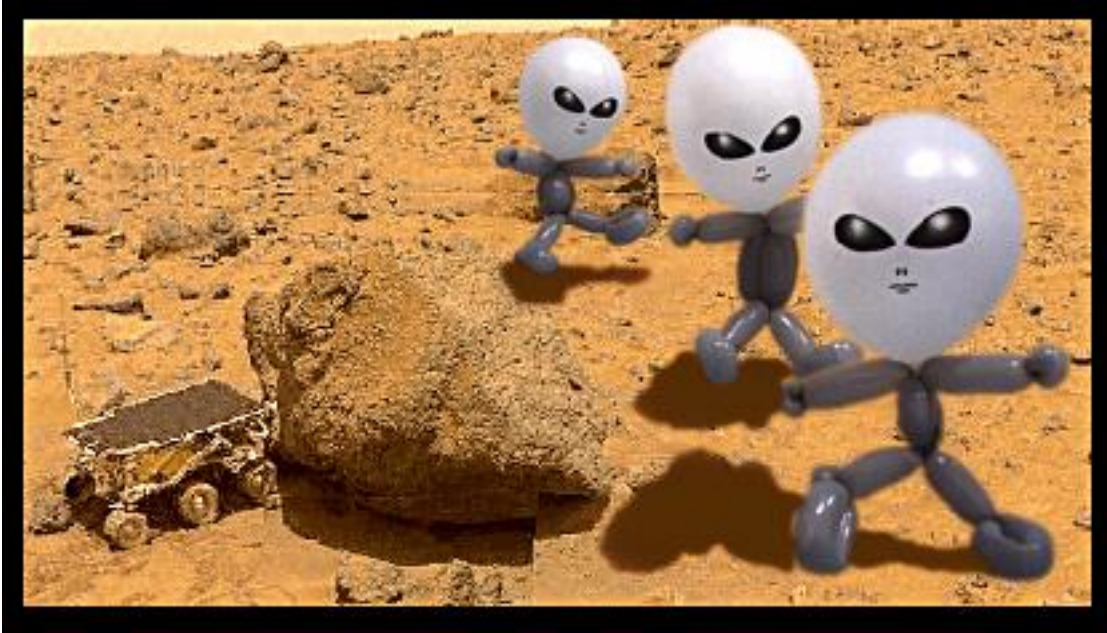
Alien Body

- 1st balloon
  - ❍ Neck
    - ■ Blow up and keep 4 inches off the end.
    - ■ make 1 inch bubble, teddy bear ear twist,
    - ■ make 1 inch bubble, teddy bear ear twist,

    then,
  - ❍ Arm and hand
    - ■ 4 inch bubble,
    - ■ 1 inch bubble, teddy bear ear twist,
    - ■ 1 inch bubble,
    - ■ 1 inch bubble with teddy bear ear twist,
    - ■ 4 inch bubble = then tie together
  - ❍ Body
    - ■ (2) 3 inch bubbles = then tie together
    - ■ 3 inch bubble, push between other 2 3 inch bubbles,
    - ■ pop remainer and tie off end.
    - ■ Wrap around to secure
- 2nd Balloon

- ❍ Legs
  - ■ Blow and keep 4 inches off the end of the balloon,
  - ■ 3 inch bubble,
  - ■ then bend a 6" U to produce the foot and twist,
  - ■ 1 inch bubble with teddy bear twist,
  - ■ 1 inch bubble,
  - ■ 1 inch bubble with teddy bear twist,
  - ■ another 6" U to produce other foot

    Ed. Note: (Everyone knows Aliens have two feet)

    then,
  - ■ 3 inch bubble
  - ■ Tie to bottom of first balloon assembly,
  - ■ Pop rest and tie it off with a wrap.
- ❍ HEAD
  - ■ Inflate an Alien Balloon (Only from Incredible Balloon) (11" Pearlized White $8.99 per 40 pieces) With just enough helium to make the body stand up straight without floating up and away, with practice it becomes an easy feat.
  - ■ Tie to top of body.

This Alien will delight children for hours. It is like a low gravity effect. Lots of fun! Last step: Pop bubbles between feet and hands.

```
From balloon-request@cvs.rochester.edu  Thu Oct 19 01:22:15 1995
         id AA13385; Thu, 19 Oct 95 01:14:52 EDT
Date: Thu, 19 Oct 1995 01:14:41 -0400
From: NOSTALGIA1@aol.com
Message-Id: <951018211857_127291185@mail04.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Gator?
```

In a message dated 95-10-18 19:33:57 EDT, you write:

>Does anyone have a pattern for making an alagator? I get asked for this
>all the time (Living in Florida) and I would like to be able to make one.
>
>

Blow up a 260 3/4 of the way.

leave 4 or five inch bubble then do 2 ear twists (these are the eyes)

make a 3-4 inch "s" fold and twist in the middle (this forms the front legs)

make a 3-4 inch "s" fold and twist in the middle (this makes the back legs)

Keep everything flat and you now have an aligator or a crocodile or an
iguana!

Bruce Kalver

PS I draw scales on the back and eyeballs in the eyes with eyelids.

ANGEL

Halo - Head - Arms - Hands

Inflate about 6" of balloon

1. Apple Twist bubble #1.
2. Cut most of nipple off and wrap around point A.
3. Twist the top of apple twist to make halo.

Gown

1. Attach nozzle to base of head.
2. Connect points A and B.
3. Push bubble #3 up in between bubble #1 and #2

HAIR

Inflate about 4" of balloon

1. Wrap nozzle around base of halo.
2. Wrap point A around base of head.
3. Wrap point B around base of halo.
4. Wrap point C around base of head.
5. Wrap point D around base of halo.
6. Wrap point E around base of halo. (bangs)
7. Cut most of nipple end off then tie, and wrap what is left around base of halo.

Wings

Inflate balloon leaving 5"

1. Ear twist bubble #2
2. Ear twist bubble #4
3. Ear twist bubble #6.
4. Ear twist bubble #9.
5. Ear twist bubble #11.
6. Ear twist bubble #13

7. Tie nozzle end to nipple end. Then tie that to middle.(point G)

8. Attach point G to base of head.

7. Tie nozzle end to nipple end. Then tie that to middle.(point G)

8. Attach point G to base of head.

```
From: Clowntoots@aol.com
Date: Sat, 23 Nov 1996 02:49:55 -0500
To: balloon@fooledya.com
Subject: 260 angel
```

hi all
i was at the W.R.C.A. in laughlin and I showed a few people how to make an
angel using a 260. I use it at church but with christmas coming it would be
great.It also makes up cute with a 160.Hope my directions make sense.Inflate
a 260 leaving about 3 inch,tie.
start with and apple twist (it will form the halo) next twist off a 1 1/2
inch bubble(this is the face)then fold a 6 inch loop(right wing)twist under
head fold another 6 inch loop
(left wing) twist under head ,twist 1 1/2 inch bubble and ear twist it.(forms
the bubble to write a mesage on, such as Jesus Loves You ect,ect.)you should
now have a lenght about 17 inch long.twist off a small bubble at end and fold
loop up to neck and twist .you will end up with a small bubble at back of
neck I sometimes nip this and wind around neck to secure. If you like draw
closed eyes on face)= with 3 lashes.
this is my first E-mail .I enjoy reading all the messages.   )=

In His Service
TooTsie the Clown

From: "Alan G Simkins" <ags@bungalini.compulink.co.uk>
To: balloon@fooledya.com
Date: Sun, 16 Jun 1996 10:12:39 +0000
Subject: That Ape:

OK Folks, I think I've finalise the design of my Ape/Orang Utan:.

I'm not brilliant at giving directions, so please refer to other
posts where neccessary:

5 Orange 260Q
1White 260Q
1 Orange 350Q

Create the head from a 260Q, using the basic design in the recent 'Man in a
Tuxedo'/'Gramps' posting, omitting the hair. That is, a basic 4 loop
face, with a cut down white 260Q for the eyes. Make the neck short,
but soft, as that's where the other components will be fixed.

Use a 350Q for the body, create a 3 bubble bird body, but with an ear
twist for the 'rump', and a small bubble at the head to attach to the
neck. Don't attach the head to the neck yet !

Each limb is a single 260Q. Use a 2" bubble for the thumb and a 3"
loop for the hand. Use the rest of the balloon, with a long bubble
for the forelimb, and ear twist for the elbow, and a 3 bubble bird
body for the upper limb. Try to keep a small bubble at the top end of
the limbs, to assist attachment.Watch the proportions as the arms should be
much longer than the legs. I do this by changing the bird body upper
limb sizes (Muscley legs, gangly arms).

Attach each arm to the neck by twisting the neck to the small bubble at
the top of the arms, then attach the head/arms to the body.

Do the same with the legs, by twisting the small bubble at the top of
the legs, around the 'rump' twist. Beware, this gets tight !

Arrange the limbs suitably, and there you have an ape which should
stand around 4-5 feet high.

Alan S>
http://www.compulink.co.uk/~bungalini/

From: NOSTALGIA1@aol.com
Date: Mon, 7 Oct 1996 12:56:48 -0400
To: balloon@fooledya.com
Subject: Re: Fruit Basket???

Grapes (green and purple):
5 -1 inch bubbles twisted together. repeat until the balloon is used up.

Bananas:
Blow up the balloon half way. Tie the knot end to the tail end. Twist the
circle in half. Fold in half and tie with leftover tail. You now have a bunch
of 4 bananas. It's sort of like a bird body with 4 sides. Draw lines on with
marker.

Apple (yellow and red):
Apple twist an Apple Balloon.

Orange:
Blow up a round orange balloon

Cherries:
do the ball balloon in balloon. Repeat 3 or 4 times with the same balloon.
Shoot them out of the balloon. You now have some cherries.

The basket is made like the bananas except that you blow up the balloon all
the way. Add a 2nd balloon as a handle and add a 3rd balloon as a flower
decoration.

This should get you started.

Bruce (who is now hungry) Kalver

From balloon-request@cvs.rochester.edu Sun Nov 5 01:37:42 1995
          id AA15881; Sun, 5 Nov 95 01:30:53 EST
Date: Sat, 4 Nov 1995 22:30:44 -0800
Message-Id: <199511050630.WAA25788@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Pocahontas in her entirety

>OK, I'm lost.

Ok, I figured that I'd lose someone with that one. Here goes.....

Inflate a balloon about 19".
make a 1 1/2 inch bubble (her head), a 3" bubble (an arm), a pinch-n-pop
series (her hands), another 3" bubble (other arm) and then lock twist the
arms just below her headmake a 2" bubble, and then 2 bear ears twists
(arranged correctly, they should look like hips), make a 4" bubble (a leg),
2 more bear ears (her feet) and another 4" bubble (her other leg).
Lock-twist the legs just below the hips. Pop-off the excess balloon. I
usually wrap it around the twist where the hips are and the hide it under
(or over) one of the hips.

Now for the hair...

inflate a balloon about 6 inches (this'll be too much but it's
a good length to work with). Tie the knotted end of your newly
inflated balloon to the knot that tops her head. Make a 3/4 inch
bubble and then lock twist it. Make two more 3/4 inch bubbles,
and then hold them against her head while you give it a full
turn, this should anchor them to her head. Now is where the
hair changes, but just a little. Make a bout a 2 inch bubble,
followed by 2 bear ear twists, and another 2 inch bubble. Lock
twist them all to her head. Thry should (sort of) hang down in
the back, like straight hair. (Don't call them "braids", because
Pocahontas wears her hair down!!!!) Make two more 3/4 inch
bubbles and anchor them to the first bubble you made for her hair.
Now make another 3/4 inch bubble, and then a 3-4 inch bubble and
then pop off the balloon......
Let the air out of the big bubble you just made. Pull the
balloon piece down the back of her head. and wrap it around her
neck several times. The last bubble isn't necessary, but it covers
the back of her head better, AND you can use it to hide the
remainder of the balloon now that you've got a balloon end to hide.
Hide that end of the balloon behind the new bubble, or if you prefer,
tie-off the balloon and then hide it.

Drawing on Pocahontas:
I just draw her face, necklace and then fringe along her legs to insinuate
her indian dress. (Make sure you get a look at a Pocahontas poster or
something so you know the way the fringe is patterned and the necklace is,
cause kids notice if it's wrong....don't worry, they're both simple.

Any questions???
---Lorna

For Ariel's hair: You just make a series of five bubbles and
lock-twist them so they hang down in back, instead of making
the straight hair section of Pocahontas' hair.

        o
       o o

```
    o     o
    \_O_/
      L
    /  \
 _/      \_
```
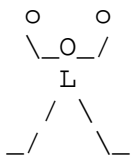
```
From: dave_jarvis@ntsc.navy.mil
Date: Wed, 15 May 96 08:46:17 EST
To: balloon@fooledya.com
Subject: Arm Animals
```

        One of the problems that kids seem to have is what to do
        with the sculptures after they've got them. Lately I've
        been doing the basic dog with legs long enough to have the
        child slip an arm through and then their new pet is "hanging
        on" to them. It's the same idea as an animal on a hat, but
        only one balloon is used. Another thing I've been doing
        when the lines are long and I'm doing only one balloon per
        child is to make the hat with a basic animal face at the
        front ... small nose, ears, neck, and front legs then around
        the head and lock to body with excess being tail sticking up
        behind animal head. - Dave Jarvis

```
Date: Tue, 4 Jun 96 07:43:53 EDT
From: batten@kodak.com (James x29971/RDCS/3-6-KP)
To: balloon@fooledya.com
Subject: monkey and stuff
```

Don't have a clue for an orangatane, however; a baboon is a different matter.

   I make mine quite a bit like my bunny... very small apple twist for a nose,
then a small birds body for the cheeks and the ridge leading down to the nose.
(draw ridge lines on the cheeks with a sharpie).. then two large eartwists
for the eyes.

```
              ()    ()    Ear
             (  ) (  )   Twists
           (--)(   )(--)  <---
           (--)(   )(--)  <--- Birds body
           (--)(   )(--)  <---
           (--)(   )(--)  <---
                (   )

              ^
              L__ apple twist
```

If you really want to get creative, you can use a red and blue balloon
together on the birds body to give the cool color effect of these guys.

IF you like multiple balloon animals, make two larger loops at the end and push
the ear twist eyes into these (like the "Rams Horns" if you've ever made a ram".Makes for
one MEAN looking wolf.

And something I just discovered yesterday... make the ear twists a more
normal size (about a 1 1/2 inch bubble.) after you've made the twists,
push them down between the cheeks and nose ridge of the baboon, the result
makes one way cool looking insect head. Perfect for that grasshopper, ant,
or praying mantis. Don't make the birds body to large, two inch max.. you
will want to keep the entire head rather round.

cheers all,
jim batten

```
Date: 15 May 1996 12:09:31 -0700
From: "Carol Warren" <carol_warren@internet.uscs.com>
Subject: Fun and easy
To: "Balloon List" <balloon@cvs.rochester.edu>


                         Subject:                       Time:  12:11 PM
  OFFICE MEMO            Fun and easy                    Date:  5/15/96
```

I have a fun and easy balloon to do. [This is probably old hat to some of
you.] Take one of the latex 18" balloons [the ones used for the needle through
the balloon trick], and put several of the 1/2" balls inside. Attach a
uninflated balloon to the knot.

That's it. Use the uninflated balloon to bounce it or whirl the balls around
inside demonstrating centrifugal force and several other scientific phenomena.
Try to single one ball out of the bunch to whirl. I have found this to be an
hours of fun toy for the adult programmers at work.

have fun

BOBO

```
From: chris.maxwell@backtrks.com
Date: Tue, 14 May 96 12:19:21 -0600
Subject: Missile Balloon
To: balloon@fooledya.com
```

Howdy All!

Something that I discovered over the weekend (it's new to me, although I guess
a friend actually discovered it):

For fun, I put two racquet balls inside a 350. The resulting balloon was only
about 20 or 24 inches long. It was a lot of fun for tossing up in the air and
it always bounced kind of strange. Then, a friend picked up an end and threw it
across the room. The balloon went sailing straight through the air (like a
football??) and it sure did look strange! I guess it flew like a missile -
you've got to be careful how hard you throw it!

Anyone else have things that they do with balls inside 350's? I heard about
putting a high bounce ball inside a 350 and then bouncing it, but right now the
only bouncy balls I have are racquet balls (and they are too big).

Oh, another neat thing about putting the racquet balls inside the 350 is that
they look rather strange when they come out of the balloon (because of the balloon skin).

Christopher
chris.maxwell@backtrks.com

```
From balloon-request@cvs.rochester.edu Thu May 25 16:50 EDT 1995
Received: from cvs.rochester.edu (swift.cvs.rochester.edu) by atf.lle.rochester.edu with
SMTP
        (1.37.109.15/15.6) id AA153555045; Thu, 25 May 1995 16:50:45 -0400
Return-Path: <balloon-request@cvs.rochester.edu>
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA29093; Thu, 25 May 95 16:48:29 EDT
Resent-Date: Thu, 25 May 1995 13:45:26 -0700
Old-Return-Path: <cardinal@informix.com>
Message-Id: <9505252045.AA03838@pythagoras.informix.com>
To: balloon@cvs.rochester.edu
Subject: Carnival, Double Helix, Bug Bracelet
Date: Thu, 25 May 1995 13:45:26 -0700
From: Edward Cardinal <cardinal@informix.com>
Resent-Message-Id: <"u4l0B2.0.U67.RqEnl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/284
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
Status: RO
X-Status:
```

I was twisting balloons at a "carnival" for my son's school this past
weekend, and I wanted to share my experience. They sold tickets for games,
food, etc., and we took tickets as "tips" for balloons. By the end, we had
collected far more tickets than any other "attraction" (except the food). I
had another person twisting with me, so together the load wasn't too
overwhelming most of the time. I also had someone I could call on (a
teacher) to keep order when things got out of hand.

Number-one-over-the-top most asked for model: the Power Ranger (thanks
again, Arlene!). Most of the kids had a particular favorite Ranger, and
this put a drain on my black balloon supply. Pink was the next most
requested.

The other super-popular item were ball-in-balloon toys. If you don't do
this, you should try them! I have to say that T. Myer's "Ball Putter" is
one of the greatest things I've ever seen. I was not really sure about it
when I ordered it. Now, I wouldn't give it up! (Disclaimer: The only
connection I have with T. Myer's is I'm a satisfied customer.) I also got
the superballs through Tom, and in the end each one costs the same as a
single balloon. So, cost isn't really a factor -- it's just like doing
multi-balloon figures. However, these things are more like kinetic toys
than figures.

Some things I've been making with superballs in them: fill a balloon all
the way, put a ball in, and tie the balloon into a big, loose knot.
Overhand and figure eights work great. You can twist 1" bubbles in each end
then connect those together if you want. A simple but stunning balloon/ball
"maze"!

Another toy: fill two balloons of different colors; put a ball in each.
Make a long double-helix (see below), and you have a spiral ball racetrack.
Jaws were dropping at this one.

Other popular models were Simba (lion/cat), Frogs (a few with superballs in
the eyes), Bug bracelets (see below), dogs, and hats (mostly for the
adults).

Happy twisting!

Ed C.

+++

DOUBLE HELIX:

(Maybe this could go in the FAQ under techniques....)

This technique entwines two balloons around one another. It is a great
addition to hats, and probably has a lot of other applications (DNA
jokes?). It's easy to do, but tricky to describe well! Fill two balloons.
Start by making a 1" bubble in one end of each balloon, and twisting these
bubbles together. Take a balloon in each hand with the connected twist in
front of you and the long inflated parts sticking out behind you under
either arm. Rotate both balloons around their _long axis_ at the same time
and in the same direction (either clockwise or counterclockwise). The
balloons should begin to twirl around one another in front of you. With
practice, you should be able to control how tightly the balloons entwine
around one another. Continue to rotate the individual balloons, feeding in
more balloon from behind you as they twirl together. When they are
completely entwined (or as far as you want), lock twist them to keep it all
together.

If someone can craft a better description of this technique, please do!

+++

BUG BRACELET:

This idea was inspired by Larry's train. Fill a 260 about 9-10" or so. Form a
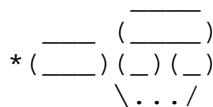head, four legs, and a body as shown:

[Notation: parentheses around a number is a bubble; letters are twists;
"*" is the nozzle; "z" is the tip of the uninflated balloon; (...) is the
uninflated balloon itself.]

```
   HEAD         4 LEGS           BODY
     V       V---V---V---V        V
  *(1.5)a(1)b(1)c(1)d(1)e(2.5)f(...)z
```
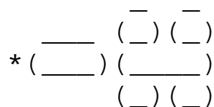
Make a loop of the legs by joining the twists just after the head (a) and
just before the body (e).

Connect the end of the body (f -- not really a twist, but rather where the
uninflated balloon starts) between two sets of two legs (c). Tie it down,
or just thread it through, pull it tight, and wrap it around the twists a
few times. You might want/need to arch the body up a bit.

Tie the very tip of the uninflated part (z) to the neck joint (a/e). The
uninflated balloon forms the wrist strap.

```
              _____                      _   _
       ___  (_____)              ___   (_)(_)
      *(___)(_)(_)              *(___)(_____)
          \.../                       (_)(_)


          SIDE VIEW                  TOP VIEW
        (the "wriststrap"          (legs should be
        hangs underneath)          under the body)
```

Draw your face of choice, and maybe some ladybug spots if desired. (OK, so a bug really has six legs. I found that if you make six leg bubbles it didn't look as cute.)

```
From: LarryH49@aol.com
Date: Wed, 31 Jul 1996 15:09:45 -0400
To: balloon@fooledya.com
Subject: Re: balloon juggling balls
```

My daughter made some of these balloon juggling ball (filled with rice) for
me at her Camp Fire group. She used 3 balloons and cut a couple of holes so
the other color showed through for a better design. They work nicely.
Larry Hirsch

```
Date: Wed, 28 Aug 96 09:54 PDT
To: balloon <balloon@fooledya.com>
Subject: Balloon Trick
From: Norm Carpenter <norm@isc-br.isc-br.com>
```

Hi,

I came up with an idea the other day and had some fun with it so I'll
pass it along to you. This has probably been invented a hundred
times already, but I hadn't read it before.

After performing the amazing heart from a round balloon trick I
continue
to amaze with the "donut balloon from a 260" trick. I just wrap a 260
around my finger and apply a little heat by rubbing my palms together
and Viola (or violin for those of you with smaller hands) when I
inflate
the 260 it becomes a perfect donut shape.

Procedure (don't read if you still want to be amazed):

You will need a 260Q and a GEO (or GEO blossom) of the same color.
Scrunch the GEO up into a small ball and place it in the fleshy part
of
your pinkie and ring fingers of your right hand. {note: I am right
handed
and to be politically correct I should use either hand, or one hand
only,
or no hands, but please forgive me as I describe the trick the way I
do it. For those of you who do not feel comfortable with the right
hand
mode, I leave the modification of the trick up to you.} Crimp your
little fingers
just enough to hold the scrunched up GEO. Relax you hand. Walk around
this way for a week or two until you get comfortable having a GEO
scrunched
up in your hand while still using your hand to do normal things.You
want to hold
onto the balloon, don't let anyone see it, and appear that you have
an empty hand.
A week or two may seem like a long time, but what I am really saying
here is that if
you spend some time to practice making that hand look natural it
will look
natural to your audience even when you are under the anxiety of
performing.

By the way, the above is known in magic circles as a finger palm.

Now that you are an expert in finger palming a GEO balloon in your
hand the
fun can begin. With the GEO finger palmed (you may not want to use
the same
one you practiced with for a week as it might break when inflated)
select a 260Q
of the same color as the GEO. Wrap the 260Q starting with the tip
of the
balloon around the end of your left index finger. You want to
overlap the balloon
so that you just have a small circle of balloon around your finger
with a bit of the

nozzle sticking out. Now remove the 260Q from you finger and place it into the
palm of your right hand. As you do so, swap the palmed GEO for the 260Q finger
palming the 260Q (more practice is a good idea here). Rub your hands together
to "generate the heat" required to melt the balloon. Or you could hold a match or
lighter under you hand for heat (this may not be the best idea considering your
audience and the fact that you probably don't want them playing with matches.
Now just take the GEO from you right hand leaving it scrunched up. The 260Q
remains finger palmed in your right hand. Bring the GEO nozzle to your mouth and
as you start to inflate let the balloon unscrunch. Inflate the balloon quickly all the
way and tie off. Hand the balloon to someone to hold and with your right hand
reach into your 260Q supply to get another balloon ditch the palmed 260Q at the
same time.

There you have it, a minor miracle right in the palm of your hand.

Norm
        the
                balloonian

```
From: "Perry, Troy" <taperry@uswnvg.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: Norm's trick
Date: Wed, 28 Aug 1996 10:42:08 -0700
```

I like it! I like it!

I haven't seen that, either. So, thanks for sharing. What a great idea
sparker.
I now have visions of swapping lots of balloons this way.

```
The shrinking balloon   - a 130 from a 260
Smile magic             - a 5" smiley from a 5" round
```

How bout a small round changed to a large round that's printed with
something appropriate for the occasion?

The possibilities are staggering. Any balloon from any other balloon,
assuming one can palm and switch 'em.

Thanks again,
Troy

```
From balloon-request@fooledya.com  Wed May  8 09:30:13 1996
Date: Wed, 8 May 1996 09:21:14 -0400 (EDT)
From: Larry Moss <moss@fooledya.com>
To: Balloon Sculpting Mailing List <balloon@fooledya.com>
Subject: Re: Balloon Instruments (Was:  Chicago Hope)
In-Reply-To: <9605081302.AA09497@addor.med.unc.edu>
Message-Id: <Pine.SOL.3.92.960508090536.1311A-100000@max.maxcomp.com>
```

> I've experimented with blowing up a 6-12 inch bubble in a 260, trying it,
> then stepping on the knot and pulling the uninflated part taut, and
> playing it upright (plucked) bass style. I haven't quite managed a real
> scale (and probably won't) but it's a nifty bit anyway...

I haven't managed a real scale, but I have played a recognizable version of
Happy Birthday on a balloon banjo. It doesn't usually come out as though
I'm playing anything in particular since I need to "warm up" with each
instrument I make for longer than I've got to get the feel right. But it
still goes over well. Maybe I'll force myself to be more consistent in
making them. Basically it's a 260 with about 3 inches uninflated at the
end. Tie a knot at the end of the inflated portion. (The uninflated
portion will be the string.) Make a loop with the inflated portion of the
balloon. Stretch the tail to teh opposite end of the loop. You've got a
banjo. You can do all sorts of twists to spiff up the instrument if you
want. While you pluck the string, pull the neck to various tensions. It's
obvious how to make it if you look at it. I'm not in the right state of
mind to describe it.

```
                  _____
               / _____  \
    --------/  /____\  \
    --------\  \____/  /
               _____/
```
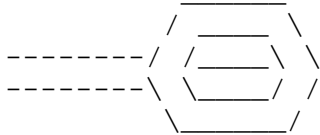
That make any sense?

Another idea for instruments came during the recent RIT Juggle-in. I put a
ball inside a balloon basketball. (The one posted a while back.) The ball
does some interesting things in flight with the ball inside. One person
noticed later in the day that the ball makes an intersting sound when you
get it swirling inside the balloon. Various balloons inflated to different
sizes with balls inside makes for an interesting set of instruments. Joe,
were you still around when we were doing that?

Larry

```
From balloon-request@cvs.rochester.edu  Wed Feb 14 19:17:46 1996
         id AA22814; Wed, 14 Feb 96 19:13:28 EST
Date: Wed, 14 Feb 1996 19:13:11 -0500
From: Cheley101@aol.com
Message-Id: <960214191303_322364156@mail04.mail.aol.com>
To: roya@bsadpo.emba.uvm.edu
Cc: balloon@cvs.rochester.edu
Subject: Comedy Clubs
```

Bruce writes:
>Working in comedy clubs I found that a balloon act is no good unless you also
>do COMEDY. That's what the club is for.

I have a very good friend, S. Frank Stringham, who has a fantastic "clean" comedy act using balloons. He's actually a singer/entertainer/comedian/balloon master (or, as S. would say, a balloon god if you're dyslexic :0}) Anyway, here's an example of what he does here in Vegas: he's singing "Live and Let Die" while making some purple balloon shape. By the last chorus, he has completed a great "Barney" creation just in time for the words "Live and Let Die" where he proceeds to rip Barney apart and step on it and dismember it. It goes over really well with the adults!

Just thought I'd give you an example. I'm not telling you this so you can copy it (please don't, he'd kill me) but just to give you an idea. OK?

Michele

```
Date: Sat, 05 Oct 1996 20:02:16
From: AAlbers@gnn.com (Arla  Albers)
To: taperry@uswnvg.com, balloon@fooledya.com, balloondeco@fooledya.com
Subject: Re: Vase/Base instructions
```

When I was at the clown convention this past summer, I learned to
make a vase from a round 12" balloon. Blow up the balloon to about
6-8". Just gather your balloon flower bouquet, grab the nozzle
from the 12" balloon and poke it clear through to the other end,
grabbing the opposite end of the 12" round and twisting it off.
It's not as easy as it sounds, but it works great.

Sorry, I can't remember the man's name who taught me. He has a
GREAT set of videos out on the market in ballooning. Li'l John?

Arla

From: "Perry, Troy" <taperry@uswnvg.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>,
Subject: Vase/Base instructions
Date: Wed, 2 Oct 1996 15:13:35 -0700

This is an all-twisted thing and would also be a quick and easy addition
to several of the twisted flowers we make. So, this is a cross post, but
I hope it's OK.

This idea uses the same technique as the Iris and Slam Dunk hat posted
to the list earlier. Only doubled up. A weight can be placed inside it
if you need something different for a helium bouquet.

Vase
****

Needed: Two 260s of the same color. I prefer the darker or opaque
colors.

Fully inflate and burp the balloons generously.
Tie the ends together. You now have two loops.
Put both loops together; knots in one hand, opposite side of the loops
in the other. Twist together so you have four loops of the same size
joined at the knots.
On the end of each loop, opposite the knot end, twist a 2 1/4 inch loop.
Lock twist all these small loops together at their bases.
What you should end up with is a vase. The body of the vase is eight
long bubbles. The rim of the vase is formed by the four small loops.
If you squash the body of the vase lengthwise, it rounds out nicely.
A sand-filled 11 inch round (which is actually quite small when not
inflated) could be inserted in the vase body to hold down a helium
boquet.

Hope you enjoy this.
Troy

-- [From: Powers, Clyde & Arlene * EMC.Ver #2.5.02] --

I have been out of town for a week and haven't caught up on all of the mail,
but if it is still timely, the best base I have found is a Geo. Take a Hi
bounce ball and put it into a heart or four inch round balloon (uninflated),
then tie the balloon with the ball in it to the inflated balloon at the knot
, then push the ball through the hole of an inflated Geo. This makes a great
base, it is weighted and balanced. If you just run the balloon through the
geo hole and tie to the Geo knot without the ball, the balloons usually list
to one side. I can't take credit for this idea, Lindy, who is on this list,
taught the technique to me.

My favorite Valentine balloon is the heart with a teddy bear on it, which I
learned from T. Myers. It is in one of their books. If I make one, that is
usually all I make for the rest of the day. A bear on a flower goes over
well also. Yummy's 350 bear on a heart should go over well.

Dann asked for instructions for the basketball hoop hat. Thought others
would be interested, so will post. It requires three 260's, I also make a
basketball with an orange four inch round, and a hi bounce ball.
Start with a 260, inflate leaving a one half inch tail, measure the head for
a hat, and make a feather hat. Take the second 260, inflate leaving a one
half inch tail, lock twist a one inch bubble onto the hat at the opposite
end from the feather. lock twist the feather and the 260 together about one
inch from the end of the feather. This leaves you with a triangle with half
of a 260 sticking out from it. Take the leftover 260 and form it into a loop
, or basket, lock twist it. For the back board, take the third 260, inflate
leaving a one inch tail, twist a six inch bubble, then a one inch bubble.
Ear twist the one inch bubble. Repeat this at the other end of the balloon.
You end up with a six inch bubble, an ear twist, a long bubble, an ear twist
and a six inch bubble.Twist a one inch bubble at each end, and lock twist
together, this makes a backboard, Attach the backboard to the hat, where the
hoop is formed by twisting the small bubbles together. Then just straighten
the whole thing up.

Insert a Hi bounce ball in the four inch orange balloon, inflate, tie off
and draw basketball lines on it. The kids, love playing with this. The hat
can be worn or set on the table and they make baskets. The ball gives it
some weight, but makes it squirrelly enough to make it challenging.

If you don't want to carry four inch rounds, you can make a basketball with
a 260, but it isn't as fun. If you don't carry Hi bounce balls with you,
roll up a sugar packet or sweetener packet and put it in the four inch
balloon for a 'Sweet shot". This balloon hat goes over great in basketball
season, especially during playoffs. Wally, Lindy and I worked this up
together at some of out lunch Jam sessions.

Lindy and Wally make this into a toy by leaving off the hat part, attaching
two or three uninflated clear 260's to the ball and hoop. The kids try to
get the ball through the hoop.

Sorry this turned out to be an epic!
Arleenie

```
Subject: Re: sports balloons
To: balloon@fooledya.com (260Q)
Date: Thu, 20 Jun 1996 16:28:25 -0400 (EDT)
From: "Steven Hayden Brown" <po!smokin!steve>

>    What I need is some help on doing a baseball hat.
> I have a gig doing a sports card show and could use some help with
> a balloon hat having to do with baseball.  Anyone have any ideas?
>
>                                   I must be off!
>                                 Buff Phoon the Clown
>                                    buff.phoon@genie.com


        What about making a basic helmut ( brim optional, but it would
look more like a baseball cap...), and using either a 9" or 11" clear
latex balloon and stuffing it with a base ball card ( if you like, draw
the stich's in with a perm. marker ) or I'm sure you could find little
baseball candies that could be stuffed inside.....?


        -steve-
        steve@theatrefx.com
        http://www.theatrefx.com
```
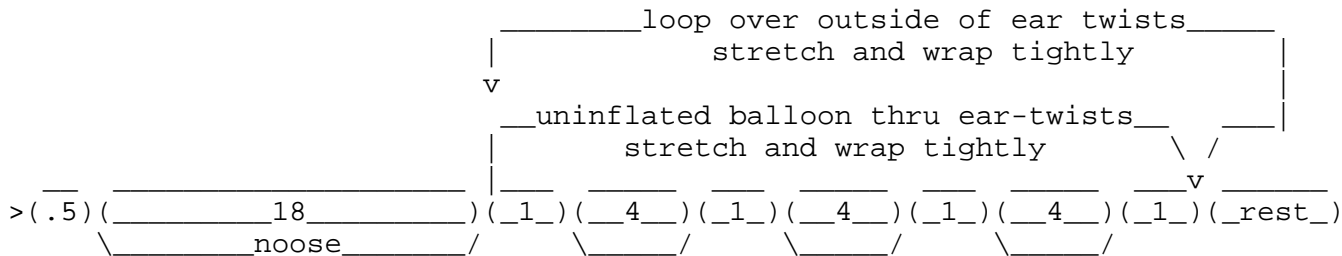
```
From balloon-request@cvs.rochester.edu Mon Mar 27 17:02:45 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA17760
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 27 Mar 1995 17:02:45
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA08355; Mon, 27 Mar 95 16:35:35 EST
Resent-Date: Mon, 27 Mar 1995 15:35:00 -0600
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Mon, 27 Mar 1995 15:35:00 -0600
Message-Id: <199503272135.AA11639@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: New balloon noose and baseball player
Resent-Message-Id: <"z_XRa1.0.R22.c-oTl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/92
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hi everybody,

     Last night I was out dancing (mostly Swing) with my friends, and I
came up with a couple of new things that I'm really proud of:

The first was a hangman's noose. (Perfect for those annoying kids... you
know the ones... gimme, gimme, gimme and never a thank you...   :-)
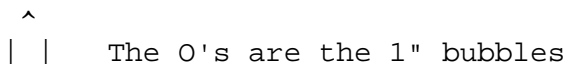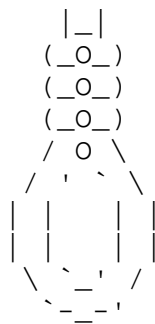
> is the knot

```
                              _____loop over outside of ear twists_____
                             |            stretch and wrap tightly         |
                             v                                             |
                             __uninflated balloon thru ear-twists__   ___|
                             |          stretch and wrap tightly      \ /
  __ _____ |___ _____ ___ _____ ___ _____ ___v _____
>(.5)(_____18_____)(_1_)(__4__)(_1_)(__4__)(_1_)(__4__)(_1_)(_rest_)
   _____noose_____/      \_____/      \_____/      \_____/
```

this is what it looks like assembled (front view):
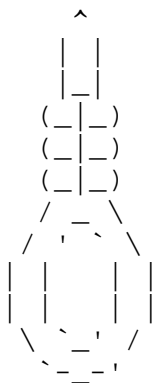
```
     ^
    | |
    |_|
   (_|_)
   (_|_)       the "|" up the middle is the uninflated balloon
   (_|_)       connected as shown above, looped thru the 4" ear
   / _ \       twists and then over the outside and tied as shown.
  / ' ` \      (this is a 3-high version of Dewey's cobra body)
 | |   | |
 | |   | |
  \ `_' /
   `-_-'
```

this is what it looks like assembled (back view):

```
     ^
    | |    The O's are the 1" bubbles
```

```
        |_|
       (_O_)
       (_O_)
       (_O_)
       / O \
      / ' ` \
     |  |   | |
     |  |   | |
      \ `_' /
       `-_-'
```

We told the band that they better swing... or they'd REALLY swing! :-)

They immediately took it, turned it upside down and started making
Romper-Room jokes (as if it was a hand mirror). I confess that I had
no idea what they were talking about, but then I haven't watched romper room
in years. Maybe somebody could explain...

The next one was my new baseball player:

UA = upper arm
EL = elbow
LA = lower arm
ET = ear-twist
! = popped balloon of pop-twist
+ = continued on next line 'cuz it's more than 80 characters


```
brim  head    ET  UA    EL  LA  hands LA  EL  UA    torso  hip  hip   leg
 __  _____   __  ___  __  ___  __  ___  __  ___   _____  ___  ___  _____
*(.5)(_1.5_)(.5)(_1_)(.5)(_1_)(.5)(_1_)(.5)(_1_)(__3__)(_1_)(_1_)(__4__) +
 \__/         _____arms_____/     \___/\___/_____

   foot ! foot  leg       wrap around waist              bat
   __ _  __  _____   _____  _  _____
+ (.5)(!)(.5)(__4__)(__deflate and tie off__)(!)(___ 5___)
_____/                        ^
                                              |__tie off big end of bat
```

ear-twist the brim. Squeeze it for 30 sec so the heat from your hand makes
it flat. Make the head twist so that the brim is angled up only slightly
from the vertical (same idea as making a bird beak stick out of the side of
the balloon)

```
          _.
    '~` -"  }  brim
   /      \.-"
  | head |
   \     /
    `-_-'__
   (ET)( UA ) __
   /    (____)(
  | torso |  (__
```
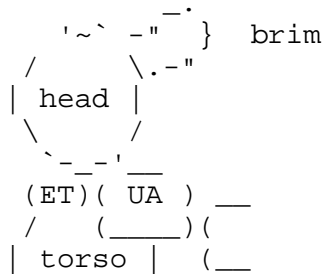
now position the ET so that the head is oriented properly. Rotate the head
so it is looking over his left shoulder.

ear-twist the hands, then ear-twist them again into two equal size bubbles.

same for the feet, but one smaller (heel) than the other (toe).
ear-twist the elbows and the hips. I put the hips so that the two
ear-twists touch in front and back (flat direction is horizontal) - I hope
that makes sense.

When you make the bat, squeeze the nipple end of the balloon until the
latex at the knotted end stretches all the way - then your bat will be
tapered and look like a bat - the right amount of air is crucial to this.
Twist off a .5" bubble at the nipple end and stick it between his hands.
Orient the bat over his right shoulder as if he's waiting for the pitch.
(The leg apart stance from the pop-twist is PERFECT!)

I drew a solid dark semi-circle under the brim. From the top, a tiny
circle and radial lines:

```
    ' " ` " ~ - .
   / \ / \   \
  | --o-- |   }
   \ / \ /   /
    `-_-'.-"
```
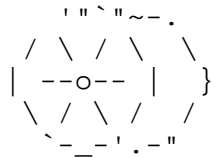
From the back, I drew that plastic adjustable strap thing and the hat
cut-out above it.

Then draw a face on his head, a louisville slugger oval on the bat, and a
striped baseball uniform (with their characteristic collars and pants-legs)

This looked so good when it was done, that I wanted to have it bronzed for
the hall of fame! Of course, the band said they couldn't sing a song about
baseball, because of the strike...

Anyway - have fun making these.

All Copyright 1995, by Mark Balzer.


```
   o
  <M>
 _/ \_
```

```
From balloon-request@cvs.rochester.edu  Wed Feb 28 13:45:16 1996
        id AA01529; Wed, 28 Feb 96 13:37:07 EST
Date: 28 Feb 96 13:35:37 EST
From: RWL <74650.2141@compuserve.com>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re:No longer a virgin.
Message-Id: <960228183536_74650.2141_EHB52-1@CompuServe.COM>
```

Hey Norm,
Sounds about par for the first time! You already know where it lags and it
sounds like those wheels (I can hear them from here) are turning on how to
adjust and what you need to smooth out the rough spots. That's Great!!   Start
thinking like a good skit-Beginning - Middle- End (a kicker something to leave
them smiling and wanting to have you back) . Try making one last "special thing
for the birthday child" and announce it is your finale. Or you might make one
of Mike's balls and start them in a game of -Keep it in the Air (as you sneak
out to do your business with the parent).

I use the Elephant line or whatever animal I think of- "I have to go. It's my
turn to feed the elephants! They get really grumpy when their dinner is late!!
"(If they are older 10 or 12 and they persist in trying to make you stay) try- "
The last clown that was late is now called lefty(pull your sleeve over your
right hand)"

BTW- If you add an uninflated 260 to Mike's ball you can play with it as a punch
ball. This also opens up some ideas for silly clown skits (the ball that won't
go away or selling the ball and then snatching it back............) Sorry I
can't resist throwing in the clown stuff once in awhile!<:o) }

Bump a Nose, Popsicle aka Kathy

```
From balloon-request@cvs.rochester.edu  Thu Feb 22 08:22:04 1996
        id AA04546; Thu, 22 Feb 96 08:18:30 EST
Date: 22 Feb 96 08:16:44 EST
From: FRED HARSHBERGER <103322.3000@compuserve.com>
To: "balloon@cvs.rochester.ed" <balloon@cvs.rochester.edu>
Subject: geodesic sphere
Message-Id: <960222131644_103322.3000_JHL85-1@CompuServe.COM>


Hi guys!
I've made larger geodesic domes before, but I went ahead and made up a few small
geodesic spheres after Mark's query on the 17th.
Making an actual geodesic sphere (all triangles with 5 point intersections) is
kind of a pain, but looks COOL!  I find the smallest practical size is about
9"(vollyball size?), using triangle sides about 4" long, smaller than that and
the center hole of a triangle gets too small to easily feed a balloon thru.  I
made one up with bubble sections about 7" long, and it turned out about 20"
across (medicine ball size?)  Then I helium inflated a 16" clear round inside
it... "Way Cool!"
Also try leaving out one bubble and have a "Brainiac Hat"
W.y.m.t.a.f.p.
Fred - The Balloon Dude
103322.3000@compuserve.com
```

From balloon-request@cvs.rochester.edu   Wed Feb 21 19:24:15 1996
          id AA28360; Wed, 21 Feb 96 19:20:44 EST
Date: Wed, 21 Feb 1996 19:20:30 -0500
From: MikeCUt@aol.com
Message-Id: <960221192029_329138677@emout05.mail.aol.com>
To: sbeavers@ux1.cso.uiuc.edu
Cc: balloon@cvs.rochester.edu
Subject: B-ball

Dear Adrienne and others,

It was not your twisting that was frustrating, it is my explanation. "Sort
of like a four petal flower" is misleading if not downright wrong. Maybe if
I wrote as I twist instead of as I think, the instructions would be better.

Here goes a second try.

   Inflate (green) 260 & tie
   Tie the ends together.
   Twist the balloon at the side of the circle opposite the nipple/knot end.
 You now have a pair of giant lips (which, by the way, offer fun play with a
little vent work or just silliness.)
   Twist the "lips" in half. Now you have a pair of giant eyeglasses / bow
tie / wings / etc.
   Bring one end at right angle to the other end and lock the balloon together
by rolling one side of the balloon around another side. You now have a
balloon that looks like a football.
    [If you squash the football and twist, you end up with four petals (hence
the "*sort of* like a four petal flower , sigh ;-)]

   Repeat with another balloon (yellow)

   Align the two footballs "ends to ends" (what I called superimposed) and
push two sections of the green football through the yellow football.
   Roll the sides until you have an alternating pattern of yellow green yellow
green etc.. You now have a "geoball."
   Place a 11 inch round inside the geoball and inflate. The round balloon
adds color, shape and bounce. I inflate just enough to add shape to the ball
but not enough to bulge the round out of the sides.

Hope that is better. I'd be interested in some of the creations you designed
as you tried to do it a different way.

Magic Mike

From balloon-request@cvs.rochester.edu Sat Feb 17 18:32:13 1996
          id AA01992; Sat, 17 Feb 96 18:29:37 EST
Date: Sat, 17 Feb 1996 17:29:28 -0600
Message-Id: <199602172329.RAA113978@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
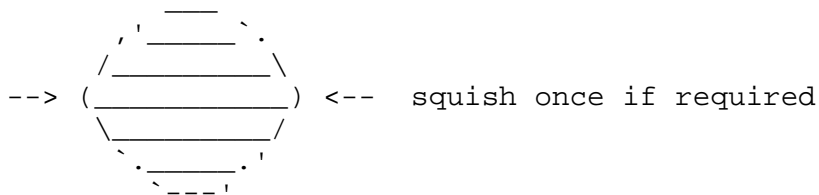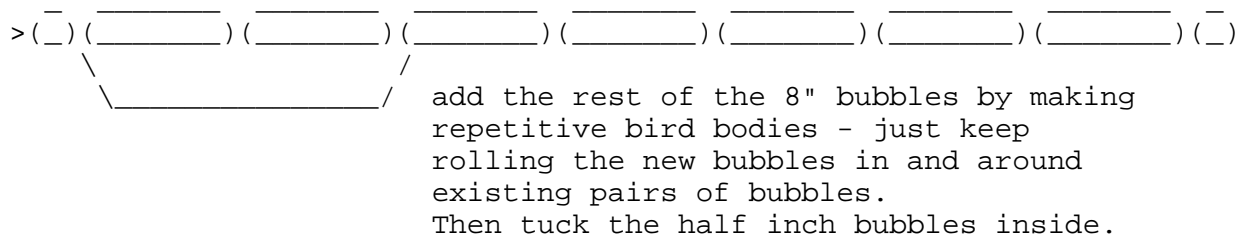From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: 350 hoop

Fred H. writes:
>almost fully inflated 350... tulip/apple twist at one end... suction
>cupped it to the ... windows ... glass about five feet up, ...
>(tough to do with a 260, easy w/ a 350)... putting a tulip twist in
>the other end, bending the balloon around into a "U" shape and suction
>cupping both ends to the window. Ta-da! A basket ball hoop, which,
>from a distance, appeared to be hovering in mid-air!
>I was happy with that, but someone said it needed a backboard. So...
>making a square inside a large rectangle out of 260's I stuck it to the
>window (static) above the hoop. It looked Cool! A balloon "with no
>visible means of support".
>
>P.S. Like with regular suction cups, it helps to moisten the end before
>sticking. And do make sure that it is heavy/thick glass that can take
>pressure, not just regular window glass.

Fred, you are a genius! Just using apple twists as suction cups is *so*
innovative, let alone making a basketball hoop! Wow. Very impressive!

Let me add how I make my version of a Nerf basketball out of an orange 260:
I inflate an orange 260 except for a few inches, burp the balloon and keep
the bubbles a little soft (otherwise you will have trouble twisting this).
Then twist a half-inch bubble, and start twisting 8 inch bubbles, twisting
them into a "continuous" bird body (see the Guide for instructions on how
to make a bird body). View all the following in a non-proportional font
like "Courier":

   _ _____ _____ _____ _____ _____ _____ _____ _
 >(_)(_____)(_____)(_____)(_____)(_____)(_____)(_____)(_)
    \   /
     _____/   add the rest of the 8" bubbles by making
                      repetitive bird bodies - just keep
                      rolling the new bubbles in and around
                      existing pairs of bubbles.
                      Then tuck the half inch bubbles inside.

                   ____
                 ,'_____`.
                /_____\
        --> (_____) <-- squish once if required
                _____/
                 `._____.'
                   `___'

After a little bubble adjustment (and maybe one good squish between your
palms to make it round) you have a basketball. You can even stick goodies
into the space in the center.

I add a tiny piece of green balloon as a stem and use this as a pumpkin on
Halloween. I sometimes make a wolf, sitting up and howling at the moon - I
make this ball in white as the moon and suspend it from an inflated clear.
This 260 ball has a million uses.

Mark

PS - At the last IBAC I learned several different methods of making 3/4"
superballs (seeds, bullets, whatever you want to call them...) from 260's.
It seems each twister has his own favorite method. If I have time, maybe
I'll try to type several of them in (don't hold your breath though). If
anyone wants to post their method, I'd be happy to collect them and add
them to the Guide.


```
   o
  <M>     The most complete collection of balloon info on the web
 _/ \_    http://grampy.ent.rochester.edu/pub/balloon/index.html
```

```
From balloon-request@cvs.rochester.edu  Sat Feb 17 18:41:00 1996
        id AA02133; Sat, 17 Feb 96 18:38:26 EST
Date: Sat, 17 Feb 1996 17:38:16 -0600
Message-Id: <199602172338.RAA19218@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: 350 hoop
```

Mark writes:
>Let me add how I make my version of a Nerf basketball out of an orange 260:
>...

Say, Has anyone made a real size basketball using 260's twisted into a
geodesic sphere configuration? You know, like the "Fullerenes" or "C60
Buckyballs" in all the papers a couple of years ago - that new arrangement
of Carbon atoms that was discovered and named after Buckminster Fuller, the
geodesic dome inventor?

Mark


```
   o
  <M>     The most complete collection of balloon info on the web
 _/ \_    http://grampy.ent.rochester.edu/pub/balloon/index.html
```

```
From balloon-request@cvs.rochester.edu   Sat Feb 17 16:00:36 1996
          id AA00955; Sat, 17 Feb 96 15:57:38 EST
Date: 17 Feb 96 15:56:08 EST
From: FRED HARSHBERGER <103322.3000@compuserve.com>
To: "balloon@cvs.rochester.ed" <balloon@cvs.rochester.edu>
Subject: 350 hoop
Message-Id: <960217205608_103322.3000_JHL61-1@CompuServe.COM>
```

Hi guys. Evolution of a concept...
Last november we were at the annual W.R.C.A. convention in Laughlin, in the
banquet room at the Riverside (yes, same as the upcoming W.C.A.). One wall of
the room is made of thick plate glass windows over-looking the river. A group
of us were sitting around a table, talking balloons (what else), and I had made
a bunch of flying mice to keep the kids occupied. I was playing with an almost
fully inflated 350, and noted how much easier it was to balance on end if you
did a tulip/apple twist at one end and suction cupped it to the table. (duh) I
then took it over to the open area in front of the windows where the kids were
playing, and stuck it to the glass about five feet up, so it stuck out
horizontally to the window (tough to do with a 260, easy w/ a 350), thus giving
the kids a "net" to shoot over. This was fun for a few minutes, but since it
only stuck out 4 feet, the kids had to be right up against the wall to shoot
over the net. I solved this by putting a tulip twist in the other end, bending
the balloon around into a "U" shape and suction cupping both ends to the window.
Ta-da! A basket ball hoop, which, from a distance, appeared to be hovering in
mid-air! I was happy with that, but someone said it needed a backboard. So...
making a square inside a large rectangle out of 260's I stuck it to the window
(static) above the hoop. It looked Cool! A balloon "with no visible means of
support". So, from balancing (duh) on end, to a basket ball hoop and backboard,
hovering in mid-air (apparently). Balloon evolution. Say, wasn't there a
book...
Wishing you many twists and few pops,
Fred "The Balloon Dude" Harshberger
Simi Valley, CA
103322.3000@compuserve.com
P.S. Like with regular suction cups, it helps to moisten the end before
sticking. And do make sure that it is heavy/thick glass that can take
pressure, not just regular window glass.

From: AVBalloons@aol.com
Date: Wed, 24 Jul 1996 13:15:09 -0400
To: balloon@fooledya.com
Subject: Michael Jordan / Basketball Player Hat.

I can't take credit for this hat. It is something that I have seen a number
of twisters do. It is very awesome, and lends itself to a number of
variations.
Change the color of the body and uniform to reflect different teams and
players
Make the body in grey, and add a 130 sword - Poof - it's a knight in shining
armour. OR RoboCop (draw in the face) Make it in White, it's a Star Wars
storm trooper.

You'll need:

2 Skin tone 260's (I use Brown or Pink)
1 Uniform color 260
1 Yellow 260
1 Clear 260
1 Orange 260 OR an Orange 321 (to make the basketball - I use the 321 if I'm
in a hurry, the 260 if I want it to look good)

To make the instructions easier, I'm making Michael Jordan - Brown 260's for
the body and Red for the jersey.

Inflate both Brown 260's, leaving a 4" uninflated tail end. Tie
Inflate the Red 260 all the way, and let out enough air to make it soft, but
not to the point where it starts to get shorter. Tie the nozzel to the tail
(make a loop)
Inflate the Yellow all the way, and Tie
Inflate the Clear, leaving a 3" tail. Tie
Inflate the Orange, let out enough air to make it soft, but not to the point
where it starts to get shorter. Tie the ends together.

Body:

Legs: Using one of the Brown, make a 1" bubble, followed by a 4" loop. Tuck
the 1'" bubble inside the loop (motoycycle wheel). Make a 6" bubble, a 1" ear
twist, an 11" bubble (this will later be twisted in half, so make it soft
enough), another 1" ear twist, another 6" bubble, and another motorcycle
wheel. You should have used all the balloon, If not, play with the
proportions. You have now made a foot, calf, knee, two thighs, another knee,
another calf and the other foot.

Arms and Head: Make a motorcycle wheel as described above, a 51/2" bubble, a
1" ear twist, a 3" bubble, a 6" loop, another 3" bubble, another 1" ear
twist, another 51/2" bubble and another motorcycle wheel. This is the hand,
forearm, elbow, upper arm, head, upper arm, elbow, forearm and other hand
series.

Uniform: Take the red balloon that you have tied into a loop, and twist it
into two equal loops. (butterfly wings?) Fold these loops down next to each
other, and twist together in half. What you are now holding is 4 parallel
vertical sections on top of the twist, and two loops below.

*NOTE!!!!!! Take a minute and look at this. If you make this in Purple, this
is Potsy's amazing Iris. Add a green stem, and it's a great addition to your
flower collection.*

To assemble body . Find the knot of the red balloon (on top of the cluster of

4) Wrap the knot tightly around the base of the loop twist that forms the head. Arange the arms so that they sit on top of the body section. Then, take the leg section, and make a twist the thigh section into two equa bubbles. Twist this twist together with the twist that bisects the body section (The waist) Tuck the knee of each leg through on of the loops. This makes shorts out of the red loop/ thigh section. Arrange this so that the brown balloon of the shorts is on top.

*NOTE!!! 0 That's it for the body. With this, you can make a number of things . It's also fully poseable, so you can have fun with different poses. *

Take the yellow balloon, and make a basic helmet hat, making a twist in the middle of the piece that goes over the head. This is the court.

Take the orange balloon, and make a basketball out of it. I can't describe this very well, but it's a common twist. You are holdning a loop. Twist it into three equal sections, fold the sections together and make a ball.

Alternately, (until you can find someone who can actually describe the basketball thing) - Make a basketball out of a 321 by making a basic apple twist.

Take what ever basketball you've made, and the clear 260. Wrap the clear around the basketball, (Like you measure a child's hat) With the remaining clear, make a very small backboard with a 3" bubble, a ear twist, another 3", another ET, another 3", another ET and another 3". Twist the 1st and last twist of this series together. Twist the end of the remaining length of clear into the back of the hat. This is the hoop and backboard. If you want a bigger hoop, longer stand or bigger backboard, use 2 balloons.

Take the player you've made, and attach one foot to the twist in the top of the hat. Take one of the hands, and wrap the nozzel of the 260 from the basketball OR the "stem" of the 321 around the wrist.

THAT'S IT!!!! Pose this hat, to make it look like a slam dunk.

I know, these are awful directions. I'll post step by step pictures ASAP. Until then, e-mail me if you're hopelessly lost, and I'll try to confuse you some more.

Adrienne

```
From balloon-request@fooledya.com  Wed May  8 16:14:17 1996
Date: Wed, 8 May 1996 14:01:53 -0600 (MDT)
From: Sir Twist <nbundy@freenet.edmonton.ab.ca>
To: Kevin Kinney <kkinney@med.unc.edu>
Cc: beaverson sheena k <sbeavers@ux1.cso.uiuc.edu>,
        Balloon Mailing List <balloon@fooledya.com>
Subject: Re: Balloon Instruments (Was: Chicago Hope)
In-Reply-To: <9605081302.AA09497@addor.med.unc.edu>
Message-Id: <Pine.A32.3.91.960508135901.16993A-100000@freenet.edmonton.ab.ca>

On Wed, 8 May 1996, Kevin Kinney wrote:

> Sheena posts:
> >
> > obBalloons:  one of the musical instruments they used for the emporer's
> > new clothes was an inflated surgical glove.  The clown would pull
> > (stretch) one of the inflated finges and then let it thump back down, for
> > a base beat.
>
> I've experimented with blowing up a 6-12 inch bubble in a 260, trying it,
> then stepping on the knot and pulling the uninflated part taut, and
> playing it upright (plucked) bass style.  I haven't quite managed a real
> scale (and probably won't) but it's a nifty bit anyway...
>
> Kevin Kinney

Well, If you take a 260, and inflate it 3 inches, and make a 1 inch tulip
twist,and pass it thru the center hole of a large Geo, you can get a
really cool bass!
+-=-=-=-=-=-+-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-+
|  Sir Twist  |  E-mail: nbundy@freenet.edmonton.ab.ca  |
+-=-=-=-=-=-+-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-+
```

*The following directions, originally posted to the balloon sculpting mailing list, can now be found in a more refined form in **[Twisting History - Lessons in Balloon Sculpting](#)**.*

```
From joker@mother.ent.rochester.edu  Mon Oct  5 21:31:07 1992
Received: from mother.ent.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id
AA13902; Mon, 5 Oct 92 21:31:07 EDT
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
        id AA23759; Mon, 5 Oct 92 21:33:49 -0400
From: joker@mother.ent.rochester.edu (Larry Moss)
Date: Mon, 5 Oct 1992 21:33:48 -0400
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon
Subject: bat
```

The picture in [PostScript](#) or [GIF](#). I wasn't very happy with not being able to reproduce the bat I made last year so I've got an all new one. Thanks to Judy for helping with this one. I've also finally gotten around to doing something I said I would do a long time ago. I actually drew this one (thanks again to Judy for straightening out my hideous math and fixing the macro that I used to do most of the drawing). The pictures are included at the end of this in encapsulated postscript. The instructions are straight text. I was originally going to make the whole thing a postscript document, but this was easier and this way anyone that can't view postscript for one reason or another can still give this a shot. In the future I hope to make most of my postings postscript, so please let me know now if that's a problem.

Enjoy --

The bat requires 2 balloons. Black works best. Leave about 4 or 5 inches uninflated in each balloon.

Start by making a 1-inch bubble followed by two 1/2-inch bubble. Twist the two small bubbles together (at points A and B on figure 1). This forms the head and two ears (figure 2).

Now make three 3-inch bubbles. Make a bird body out of them by twisting bubbles 1 and 2 together at points A and B. Then role the third bubble between them. (figures 3 and 4)

You now have the bat's body. The remainder of the balloon will be used to make the first wing. Make 4 bubbles with the sizes 10 inches, small (.5 to 1 inch), 3 inches, small. The fifth bubble in this chain should be between 5 and 6 inches (figure 5). If the remainder of the balloon is longer than that, twist off a fifth bubble. Twist either the tail of the balloon or the end of the last bubble you made around the neck (marked as point A on figure 5). If you had to twist bubble 5, deflate the remainder of the balloon. It should be held securely by the twist around the neck so only that last bubble will loose air. Wrap the tail around the neck enough to hide it (figure 6). Now ear twist the two small bubbles.

The second balloon is used for the second wing and the two legs. Twist the nozzle end of it around the neck (fig. 7). The second wing is just the reverse of the first. Make a 5- to 6-inch bubble, followed by a small bubble, a 3-inch bubble, another small one, and a 10-inch bubble. Twist at point A (figure 8). Again, ear twist the small bubbles.

Now make five bubbles to form the legs with a pop twist. That's 1 inch, small, 1 inch, small, inch. Just like above, you may be out of balloon at the end of that last bubble. That's fine. Do a locking twist (points A and B in fig. 8) or wrap the tail around point A to form the legs. Again deflate any remaining balloon. The deflated tail of the balloon will serve as the tail of the bat. Ear twist the two small bubbles connected to the legs and pop the larger bubble between them.

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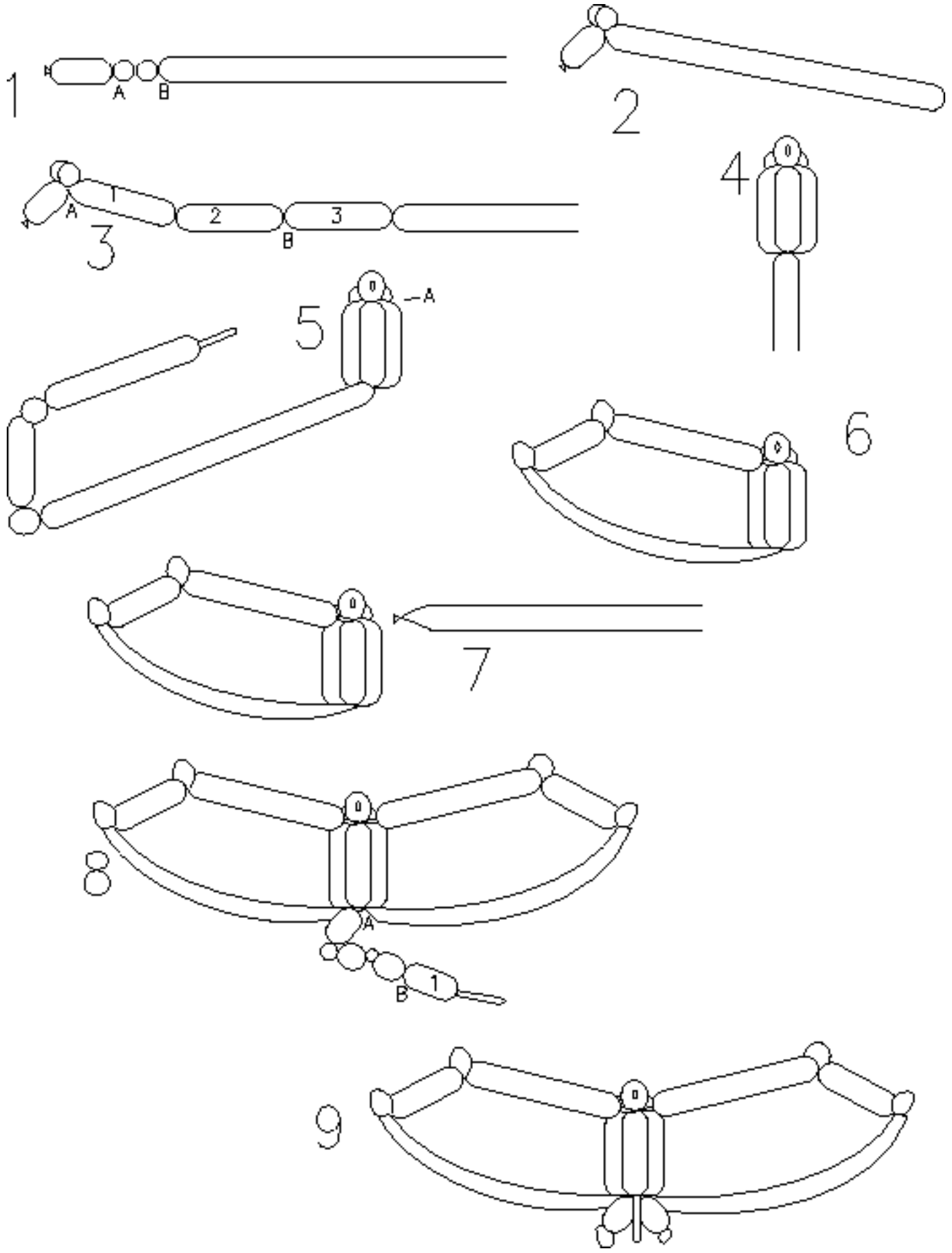
Date: Thu, 9 May 1996 17:02:58 +0100 (BST)
To: balloon@fooledya.com
From: info@debis.powernet.co.uk (Vaughan Lee)
Subject: Baz

OK, this is it, done, finished. I've now completed my little task of
working out reasonable representations of Royal Sorell's Loony Golf
characters. Here is the final one, a Tasmanian Devil type creature who,
because of a striking likeness to my cousin Barry, I've named Baz.

Once again, the original model is Royal Sorells - he worked it our first.
I've merely copied it from the photos on the Web site. I've asked his
permission before posting these instructions, and have no wish to take any
credit away from him.

Having said that, I found this character the hardest to work out and the
finished product, although a pretty good representation of the photo,
doesn't seem to be quite as tight looking. Methinks I may be missing a
trick of the trade here :-)

Hope you enjoy it.

Baz

Requires 6 brown, 1 white, 1 yellow, 1 red and 1 black 260Qs.

Start by inflating a brown balloon, leaving a 3 - 4 inch uninflated tip.
Twist a 6" bubble, and then a 7" - 2.5" - 2.5" - 7" series, locking the two
7" bubbles together. Pull the 6" bubble across the ring just formed and
wrap the knot around the twist between the two 2.5" bubbles. Ear twist a
softish 1 inch bubble and position this at the front. Break of the excess,
tie and secure. This forms the main centre of the body. The following
brown balloons are added to the back of the body - remember, the ear twist
is at the front.

Start the legs by inflating two brown balloons leaving a 3 inch uninflated
tip. In each balloon twist a 1" bubble followed by two 5" bubbles locked
twisted together to form the foot. Then twist a 7" bubble and lock the two
balloons together at this point. Twist this lock around the ear twist in
the first balloon, and then bend the legs to give them shape.

Inflate a fourth brown balloon leaving a 3 inch uninflated tip. Wrap the
knot around the twist between a 7" - 2.5" bubble pair on the first balloon
(the shoulder). Twist an 8" bubble and, pulling this down the back of the
body, lock it around the ear twist. Make a 3" loop for the tail, and then
another 8" bubble which is locked around the opposite shoulder. Twist a
6.5" bubble and lay it along the top of the two 2.5" bubbles, locking it
into the first shoulder. Then twist two 5" bubbles, and take these, in a
point, back over the top of the 6.5" bubble just made and lock back into the
second shoulder. Break off the excess, tie and secure.

In each of the remaining two lengths of leg balloon twist a 9" bubble and
bend this around the back / side of the body, locking one into each
shoulder. Follow this with a 2" loop on each side for the ears, and then
remove the excess, tie and secure.

Now the body can be turned over!

Inflate a yellow balloon leaving a 3 inch uninflated tip, and wrap the knot

under the ear twist at the base of the body. Twist a 10" bubble and,
pulling this up the front of the body, lock it around one ear. Twist two
3.5" bubbles, lay them across the front of the body and lock around the
opposite ear. Make another 10" bubble and pull this down the body to lock
back under the ear twist. Remove excess, tie and secure.

Inflate the white balloon leaving a 5" uninflated tip. Twist the knot
around one ear and then twist two 3 - 3.5" bubbles. Lay these across the
body above the yellow bubbles, and lock around the opposite ear. These
bubbles will have the eyes drawn on them as two solid circles near the
centre of the body. Twist four 1.5" bubbles and, stretching them down the
front of the body, lock around the top of the ear twist - the ear twist acts
as a spacer between the white and yellow balloon. Twist another four 1.5"
bubbles and stretch these up to the other ear and lock into place with the
knot. This gives the teeth. Remove the excess, tie and secure.

Inflate the black balloon about 2 inches. Make a 1" ear twist, remove the
excess and tie. Wrap this around the twist between the two 3.5" yellow
bubbles to make the nose.

Inflate the red balloon about 3 inches at the nipple end, tie off just
behind the bubble and remove the excess. Tie this into place at the twist
between the two 2.5" bubbles in the first brown balloon so that it pokes out
of the mouth. This is the tongue.

Finally make the arms. Take two brown balloons and inflate leaving a 3"
uninflated tip. In each, twist a 1" bubble and then three 2" bubbles locked
together in a loop to make the hands. Twist a 15 inch bubble and then
remove the excess and tie off. Tie one of the arms around each ear and
squeeze the top end behind the yellow balloon to give a more natural
appearance.. Shape the arms to make them curve out and around the front of
the body.

Keep smiling,
Vaughan

A horse walks into a pub and the barman says 'Hey, why the long face?'

```
From batten@kodak.com Tue Feb  4 09:44:45 1992
Received: from Kodak.COM by uhura.cc.rochester.edu (4.1/1.16) id AA21038; Tue, 4 Feb 92
09:44:42 EST
Received: from kodak.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
        id AA28693; Tue, 4 Feb 92 09:44:18 -0500
Reply-To: batten@kodak.com
Received: from cygnus.Kodak.COM by kodak.Kodak.COM (4.1/SMI-4.1)
        id AA09697; Tue, 4 Feb 92 09:43:33 EST
Received: by cygnus.Kodak.COM (4.1/SMI-4.1)
        id AA00679; Tue, 4 Feb 92 09:43:22 EST
Date: Tue, 4 Feb 92 09:43:22 EST
From: batten@kodak.com (James Batten)
Message-Id: <9202041443.AA00679@cygnus.Kodak.COM>
To: lm03_cif
Subject: Re: Freezing balloons to preserve them
Status: ORr
```

Great discriptions Larry, however; for those who don't know what an ear twist
is..

```
(   )( )(   )(               )-------
     ^    ^
     a    b
```

form a bubble and then twist its own ends together. ie: points 'a' and 'b'
are twisted together 'folding' over the bubble inside. The size of the bubble
determines what the use is for.

Often, as when making a bear or cat, a one inch bubble is used, by having the
edge that looks like the ear canal poining forward on the head it looks like
a cat, pointing to the sides of the head it looks more like a bear. At least
that's what they say. I always make them point forward, it looks more charming
to me that way.

To make a big mouse, use a bubble that's slightly larger than 2 inches to form
the ear, looks pretty good.

If you use larger bubbles an ear twist can become an arm or a leg.

Larry, I wish I had your talent for bubble drawings, but here goes... the bear

```
(a  )(b  )(c)(d  )(e)(f  )(g)(h       )(I      )(j   )(k     )(L      )----

   ^                    ^  ^         ^         ^        ^          ^
   1                    2  3         4         5        6          7        8
```

'a' is the snout, 'b,d,f' form a triangular head, 'c,d' each form an ear
OOPS 'c,e' each form an ear, NOT 'C,D'.
'g' is the neck, 'h' is an arm, 'I' is another arm, 'j' is the body,
'k,L' are each a leg. There will be a bubble after L, it will form the tail.

Twist 1 and 2 together to form the head, then push 'a' half way through the
triangle formed to creat the snout. twist 3 and 4 to form one arm, then
5 with (3/4) to form the other arm. ie-- 3,4,and 5 are all twisted at the
same point. Now twist 6,7, and 8 to form the legs, and the last bubble is
the tail. Now 'ear twist' 'c' then do the same to 'e'. It's a very nice little
bear. I usually complete it by blowing about one inch into a red or pink
balloon and doing the apple twist. The result is a long stem tulip. I push
the stem down through one arm and leg.. For some reason I also always use
a blue balloon for the bear. The combination ALWAYS gets a few ohhs and ahhs
from the lay folks, even if the guy next to me makes something technically

harder. I swear that each animal just works better with certain colors.
ie; I doubt I'll ever make a pink alligator, but a pink tiger instantly becomes
a 'pink panther.

Also, when making LARGE ear twists for things like arms, or the hilt of a sword,
or even a hugh flower (I'll talk about that one at a later date, it's great to
give to the mother at the end of a show.)it is sometimes easier and faster to
double the balloon over forming an S shape, pinch the center of the S and twist
every thing together in one shot. This is really good when making swords (which
I try not to do), but if you do make a sword it adds a bit of class to put a
small apple twist in the handles end prior to making the 'guard'. It almost
looks like its a jewled decoration on the swords handle.

```
                        |
(                                       0
           0                          )
           (                          )
                    ^
```

pinch at the ^... Now that looks terrible, can you doctor it up for me
Larry? gotta go.
ciao - jim batten

```
From: BHarry@aol.com
Date: Sat, 20 Jul 1996 01:31:41 -0400
To: balloon@fooledya.com
Subject: Re: Bees
```

In a message dated 96-07-18 16:07:45 EDT, you write:

<< I made a hat with a flower on it, and then attached a bee to the
contraption.
 What is the best way to get the bee close to the flower? I used the 'Indian
 feather' part of the hat to hold the bee on, but that didn't put the bee
very
 close to the flower... Maybe I'll check the website. >>

I've had good success using a 130 to make a butterfly or bee then strech the
nozzel end and wrap it around the center of the flower so it looks like it
has its nose burried in the flower. I put one on almost every flower boquet
I make. Using the 130 makes it look more delicate and it dosn't overwhelm
the flower.

Dr Bruce

```
From moss@cvs.rochester.edu Thu Jan 20 15:47:45 1994
Received: from merlin.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA00957
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 20 Jan 1994 15:47:45
-0500
Received: by merlin.cvs.rochester.edu (4.1/t.1) id AA13314; Thu, 20 Jan 94 15:46:03 EST
Message-Id: <9401202046.AA13314@merlin.cvs.rochester.edu>
From: moss@merlin.cvs.rochester.edu (Larry Moss)
Date: Thu, 20 Jan 1994 15:46:02 EST
Organization: very little
X-Mailer: Mail User's Shell (7.2.1 12/20/90)
To: balloon@ent.rochester.edu
Subject: bike and car
```

Suggestions from Todd A Neufeld <tanst6+@pitt.edu> to make a bike into a
car (forwarded with his permission):

> I still have some finals, so I haven't 'perfected' the car, but here it
> the idea:
>
> 1. Make four wheels. That means the spirals and the balloons that holds
> it all together.
>
> 2. The bike has a balloon connect the wheels so they are in line with
> each other. For a car, use those figure-eight balloons to connect them so
> that the flat part of the wheels face each other (rotate the wheels
> 90 degrees).
>
> 3. Next, connect the wheels just like the bike. However, use one branch
> from the right/forward wheel to the right/back wheel and vise versa. This
> makes a side of the car that is two balloons thick. On my car I made one
> of them straight for stability, and one of them a little long so it
> curved.
>
> 4. Connect the left side them same way.
>
> \   /
> \   /
>   \0======0/
>
> That is what each side should look like.
>
> This is just like two bikes, only the wheels have been rotated 90 degrees,
> and you connect the sides with one balloon from each wheel, not two from
> one wheel.
>
> 5. For stability, and a weak-looking floor, I added a balloon through the
> middle. This one connected each axle, and still had some room to spare at
> each end. I made one end into a flower, and popped it straight up. This
> was my nifty steering wheel. The other end was nothing. A small muffler
> perhaps.
>
> To be cute, I made a little guy with legs that wrapped around this middle
> balloon and arms (pop twist of course) that held on to the flower steering
> wheel.
>
> 6. Now, the car has four wheels, two sides, a floor, a driver, a steering
> wheel, and four dumb-looking balloons projecting in the air.
>
> I treated those like the handlebars on the bike. A little ear twist bent
> them. I tied them together. Now I the car has a "roof" skeleton over tha
> back and one of the front.

```
>
> 12 balloons were used, including the driver.  To make a better roof you
> could use balloon chunks to go from side to side, or whole balloons that
> went from the front to the back.  I liked it with out a roof.  A
> convertable, or more like a dune buggy.
>
> Another way to make sides or a floor/roof may be a take-off of the
> birdcage

[The birdcage was posted long ago and is available from teh mailing list
archive.]

On Dec 15,  2:39am Todd A Neufeld <tanst6+@pitt.edu> writes:
> A quick thought:
>
> If you connect the sides with two arms from one wheel, (ala bike), you
> will be left with a lopsided roof.  The back will reack high up, and the
> front not very high at all.  This can be used to make a sports car with an
> aerodynamic roof.  Try it.
>
> Todd
>
```

I had trouble making a car this way since getting all of the wheels the
same size and evenly balancing teh whole thing was rather difficult. I
did use Todd's idea of turning the wheels 90 degrees from the way I had
them in order to get two wheels side by side rather than one behind the
other. I then used that as teh back wheels of a tricycle.

Does anyone have any other ideas for a car? I'm most interested in a 1
balloon car, but a mulitple balloon sculpture would be fine. With one
balloon I managed to make something thta I called a VW beetle. It was
very similar to a turtle.

Larry

```
Date: Tue, 12 Nov 1996 11:44:40 -0800
From: Zephie <zephyh@pacific.net.sg>
To: "'balloon@fooledya.com'" <balloon@fooledya.com>
Subject: Cute cartoon bird
```

Hiya!
SweetHEart from Singapore again... after reading somewhere about the
fishing reel twist (an apple twisted in two) I came up with a pretty
good looking bird like sculpture... very cartoony looking, and an instant
hit with the children.

Goes like this:

Ingredients:
1 260q
3 small round balloon, the kind for water bombs

First u make an apple twist in the waterbomb balloon, twist it in two,
after that and you will get a doughnut looking thing, both front and back
view. That will be the mouth, be sre to make one end much larger than the
other.

Next, you blow the 260 up till abt 3 inches left from the tip and tie.
The lip will go between the the two doughnuts, and two eyes are made
by twisting two 1.5 inch bubbles, and lock twisting them :

you should have something like this now

```
            | |
             0
             |
             |
             |
```
The | is the 260Q and the 0 is the waterbomb balloon.

A bird body is made, abd the left over long bit is brought up to the
water bomb balloon again, twisted and there should be abt 5 inches or so
left of the balloon. Bird body the last bit, and you should have a
balloon crest sticking out. Arrange the water bomb balloon to look like a
mouth, and blow the other two water bomb balloons up. They will be the
feet, so tie them to the second bird body. Your cartoony birst will look
like this now, and it is done.
```
crest:    (
head:    (|)
mouth:    0
body:    (|)
legs:    0 0
```

variations:

```
crest:    (
head:    (|)
mouth:    0
neck:      |
body    0(|)0
and legs:
```

Hope you like it!

--

```
Dreams of Sunshine Drops of Rain
Taste of Love and Tale of Pain.

In every loss there is a gain,
In every white there is a stain.

                 -Zephyh, The West Wind
| http://home.pacific.net.sg/~zephyh |
```

```
From balloon-request@cvs.rochester.edu  Wed Sep 20 15:34:21 1995
         id AA06139; Wed, 20 Sep 95 15:28:33 EDT
Date: Wed, 20 Sep 1995 13:26:31 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: New Bird in a cage!
Message-Id: <Pine.A32.3.91.950920125204.7685A-100000@freenet.edmonton.ab.ca>
```

Howdy, gang! I was recently looking at Larry Moss's Bird in a cage, and I
found I didn't like it all that much, because it used so many balloons,
so here's _my_ version:

Requires:
3 260Q for cage bottom
3 260Q for cage top
1 260Q for bird and perch.

First, inflate the 3 260Q that you will be using for the cage bottom
_all_the_way_ and then give them a good burp to soften them up.

Twist all three together in the center to form a star.
Label the ends of the balloons A,B,C,D,E, and F.
Do this:

```
   v---center of star
A *(10)(10)...
        __/
       /
B *(10)(10)...
        __/
       /
C *(10)(10)...
        __/
       /
D *(10)(10)...
        __/
       /
E *(10)(10)...
        __/
       /
F *(10)(10)...
        __/
       /
A *(10)(10)...
```

You should now end up with a fairly flat hexagon, with 6 spokes radiating
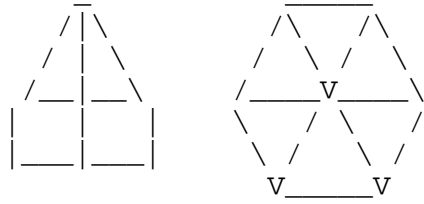out of the corners of the hex.

Twist these spokes so that they point straight up.

Now, inflate the 3 balloons that you will use for the top of the cage.
Again, inflate them completely, and then give them a good burp.

form another star by twisting them in the center.

Make a 1 inch bubble in the end of one point of the star, and twist it to
a 1 inch bubble on a vertical spoke. Then make a 10 inch bubble, and
twist it to an adjacent spoke. Continue in this fashion to make the top
bars of the cage. It should look something like this:

```
                             _           _____
                           /|\         /\    /\
                          / | \       /  \  /  \
                         /__|__\     /____V____\
Side view--->           |  |  |     \   /\   /
                        |  |  |      \ /  \ /
                        |__|__|       V____V
```

```
                    Top view-^
```

Now, you can use a parrot in a swing for the perch, which is like so:

Inflate a 260Q, leaving 1 inch tail.

```
>(.5)(1.5)(2)(2)(2)(15)(4)
  _____/\___v___/\__/
            Bird
            Body
```

simply use a broken balloon to tie the top of the perch to the top of the
cage.

Tell me what you think!

```
+-----------------+-------------------------------------------------+
|   Noel Bundy     |       E-Mail:nbundy@freenet.edmonton.ab.ca      |
+-----------------+-------------------------------------------------+
```
"Why do they call it Chili, if it's hot?"

```
From joker  Fri Jan  8 22:37:03 1993
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
        id AA01388; Fri, 8 Jan 93 22:37:03 -0500
From: joker@mother (Larry Moss)
Date: Fri, 8 Jan 1993 22:37:02 -0500
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon
Subject: Bird in a gilded cage (text)
```

Here's one of the most elaborate balloon creations I've ever made. Don't
try it if you're not ready to invest more than a few minutes in twisting.
You'll need 12 260s for the complete bird cage and bird. 6 balloons are
needed for the floor of the cage, 4 for the remainder of the cage, 1 for
the bird, and one for the perch.

The instructions for the entire sculpture is included in this message.
The steps in the text correspond to the pictures. The instructions and
pictures are divided into three sections to keep things as simple as
possible. The next three postings will contain the graphics in EPS.

-Larry

Cage bottom
----

1. Inflate three balloons leaving a small tail in each. Squeeze some air
into the tail of each balloon to soften them up a bit. Twist all three
together in the middle. Make a twist one inch from the center in one of
the balloons. Ear twist the small bubble you just made. The ear twist
will help to hold all 6 of the long bubbles flat. I'll refer to those
three balloons as a star.

2. Tie the nozzle end of another partially inflated balloon one inch from
the center of one of the balloons in the star.

3. That balloon will form a ring around the center of the star. Make a
1.5 inch bubble in the balloon and twist it into the next part of the
star one inch from the center. Continue to do this until the balloon has
gone completely around the star. When you get back to the first part of
the star, carefully deflate the remaining portion of the balloon, tie it
off as close to the twist as possible and cut off any remaining tail.

4. Repeat that procedure with two more balloons, but just slightly
further from the center of the star. (A fourth ring may be necessary,
depending on the spacing between balloons.) Make a small bubble in each
point of the star just outside the outer most ring. Deflate teh
remainder of each point of the balloon, tie them off and cut off excess
balloons.

NOTES: This is probably the hardest part of the cage. It can be very
difficult and frustrating to make the cage bottom flat. I've found it's
easier and looks just fine if it is bowl shaped. It is possible to use
fewer balloons by spiraling out from the center rather than having
separate rings of balloons, but I think the latter looks nicer.

Cage
----

1. Twist three mostly inflated, but soft balloons together in the center.

With another balloon, make a ring 10 inches from teh center of the new
star.

2.   Twist the six ends (nozzles and tails) from this star to the outer
bubbles of the cage bottom.

Bird

Any small balloon bird should do. I've just included a simple one to be
complete.

1.   Inflate a 16-inch bubble in a balloon. Make a tiny bubble, followed
by a 1-inch bubble.

2.   Twist the nozzle around the second twist you made. This forms a head
and beak.

3.   Make three 6-inch bubbles.

4.   Create the bird body with these three bubbles. Lock twist the first
two bubbles at the birds neck. Roll the third bubble through the first
two.

5.   Make two more small bubbles.

6.   Ear twist each of those small bubbles to form feet.

7.   The perch is made with one mostly inflated balloon. Make an apple
twist in the nozzle end of the balloon. Twist the tail end of the
balloon into the twist at the base of the apple twist. The apple twist
is the top of the perch. Twist the feet of the bird into the balloon
opposite the apple twist so the bird is sitting on the perch.

8.   Place the bird and perch inside the cage. Slide the apple twist
between two bars on teh top center of the cage so the perch hangs from
the ceiling of the cage. The apple twist is a small knob on top of the
cage. If you want you can tie a string to the knob and hang it from
somewhere.

```
From balloon-request@cvs.rochester.edu  Mon Apr 22 13:15:11 1996
         id AA23152; Mon, 22 Apr 96 13:05:40 EDT
From: "Perry, Troy" <taperry@Gateway.Uswnvg.COM>
To: "'Balloon Sculpting Mailing List'" <balloon@cvs.rochester.edu>
Subject: Sailboat instructions
Date: Mon, 22 Apr 96 10:02:00 PDT
Message-Id: <317BAE39@p00.msx1.uswnvg.com>
Encoding: 28 TEXT
```

Actually, my sailboat is pretty simple. I don't know if it would sound
simple if I tried to describe it, though.
It looks sort of cartoony (is that a word?), but that's what I like about
it. When viewed from the side, it looks something like this:

```
    /|\

  /   |   \

 /__ |__ \

 _____|_____

 \____|_____/()

    ()()           ()()
```

The deck is two long bubbles. One on either side of the mast. The sail and
mast are one 260. The deck, hull, centerboard, and rudder are another 260.
There are small pinch twists at almost all the corners.

Try it out. And if you still need help, let me know.

Troy

```
From balloon-request@cvs.rochester.edu  Mon Apr 22 14:10:24 1996
        id AA24295; Mon, 22 Apr 96 14:04:47 EDT
From: "Perry, Troy" <taperry@Gateway.Uswnvg.COM>
To: "'Balloon Sculpting Mailing List'" <balloon@cvs.rochester.edu>
Subject: re: sailboat: additional instruction
Date: Mon, 22 Apr 96 11:02:00 PDT
Message-Id: <317BBC46@p00.msx1.uswnvg.com>
Encoding: 12 TEXT
```

Oops! I left out a couple things.

For the sail, start at the top and do a big triangle which you will then
split with the mast.

For the hull, start at the bow and make the deck first. Then, the keel,
centerboard and rudder (last).

Sorry,
Troy

```
From balloon-request@cvs.rochester.edu Tue Jun 13 17:54:25 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA01705
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 13 Jun 1995 17:54:25
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA04067; Tue, 13 Jun 95 17:54:42 EDT
Resent-Date: Tue, 13 Jun 1995 16:53:37 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Tue, 13 Jun 1995 16:53:37 -0500
Message-Id: <199506132153.AA27453@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Re: Bow and Arrow Help
Resent-Message-Id: <"cJwsr.0.S_.XaWtl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/322
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Try this instead:

Bow: Tie 2 uninflated balloons together so you have a long "bow-string".
Inflate a 260Q, leaving a 4" nipple. Tie the bow-string to each end of the
inflated balloon which will shape it into a bow.

Arrow: Inflate a 260Q leaving a 6" nipple. Tie off the nipple and remove.

Hold the Bow in one hand.

Poke your index finger of your other hand into the arrow balloon (like when
making a deep apple twist) and hold the arrow with your thumb and other 3
fingers.

To shoot the arrow, place it in the bow and draw back the string, but don't
actually use the bow-string to shoot the arrow - just release your grip on
the arrow balloon as you simultaneously let go of the string and off it
will shoot straight as a speeding bullet..., uh, I mean, faster than an
arrow..., uh, I mean... Oh, phooey!

Mark

PS - please don't aim it at people, as much as they may deserve it.
     That's what spear guns are for....

    o
   <M>
  _/ _

```
From balloon-request@cvs.rochester.edu Tue Jun 13 22:59:29 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA01962
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 13 Jun 1995 22:59:29
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA05670; Tue, 13 Jun 95 22:59:47 EDT
Resent-Date: Tue, 13 Jun 1995 22:59:39 -0400 (EDT)
Old-Return-Path: <moss@swift.cvs>
Date: Tue, 13 Jun 1995 22:59:39 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: balloon@cvs.rochester.edu
Subject: Bow and Arrow & Pocahontas
In-Reply-To: <199506132153.AA27453@uxa.cso.uiuc.edu>
Message-Id: <Pine.SOL.3.90.950613225153.15045A-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Resent-Message-Id: <"fgoVW2.0.YO1.Y2btl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/323
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

On Tue, 13 Jun 1995, Mark Balzer wrote:
> Bow: Tie 2 uninflated balloons together so you have a long "bow-string".
> Inflate a 260Q, leaving a 4" nipple. Tie the bow-string to each end of the
> inflated balloon which will shape it into a bow.

I used to do that. Now I don't bother with the bow string. That means
I can make the bow faster. It's simply inflating a balloon all the way.
As you draw the arrow back, press into the ceter of teh "bow" with your
thumb. The bow will bend as if you were pulling on a string. That
always gets a good reaction since no one expects the bow to work.

Back to my comment yesterday about Pocahontas. Judy pointed this out to
me (but not everyone else) -

Why this didn't occur to me I'm not sure (I guess I've gotten so into the
big complicated stuff, that I miss the obvious now), but Flit (the
hummingbird) looks like a bumble bee, so we've got that one covered.

Meeko (the racoon) looks something like a teddy bear. So does anyone have
any ideas for making a teddy bear look more like a racoon? Obviously the
tail needs to be long. I plan on playing with this, but I haven't yet.
I suppose the front paws can be holding something. In the Disney store,
Meeking was holding food.

Larry

```
From balloon-request@cvs.rochester.edu Fri Apr 14 22:25:01 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA05552
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Fri, 14 Apr 1995 22:25:01
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA11890; Fri, 14 Apr 95 22:12:16 EDT
Resent-Date: Fri, 14 Apr 1995 22:12:08 -0400
Old-Return-Path: <TMyersMagi@aol.com>
Date: Fri, 14 Apr 1995 22:12:08 -0400
From: TMyersMagi@aol.com
Message-Id: <950414221206_83726046@aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: clear balloons
Resent-Message-Id: <"bGy-T3.0.hv2._joZl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/142
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

JJ,
The clear were replaced by the Saphire Blue (Dark Blue) over 6 months ago.
 Clear 260Q's are only available by the gross.

The fish bubbles is a cute idea. A 5 inch helium has a very short float
time. Perhaps a large clear at the top to hold it up.

You might find Mike Decker lecturing to the magicains or clowns in England.
 Join the clown and magician groups to find out where and when conventions is
being held. In the states the clowns are kind of expected to be able to
twist balloons Many children's magicians also twist balloons. It is not the
main emphasis of either group.

There has been more interest in twisting balloons among balloon decorators.
 Qualatex is promoting twisting with it's new magazine and they are devoting
more time to twisting in thier advertised balloon decorators conventions.
 There may be room for expert twisters in this area. Decorators want to be
unique to balloons and specific to the job. Someone who could make a 3 D set
of a company's advertising storyboard and do it with detail using only
balloons would be a benefit to any decorator looking for hi-paying jobs. Of
course you would have to make a name for yourself so they could find you.
 The competitions at conventions is a start. Actually doing a job is a
better start.

The Bow ties I have seen are 2 hearts tied together with a short piece of
inflated 260 wraped around the knot and tied. The remainder uninflated 260
was tied in a loop to go around the neck. (I first hears of this from Roger
Siegel in Chicago.) A ribbon or string works better. Make it polka dot by
sticking on self adhesive dots from an office supply store. This also makes
a great hair bow for a girl.

A bigger bow tie is the same center but instead of hearts or around the
hearts use a large loop of 260 for each side of the bow. It can be bent at
severe angles by pinching the balloon at the bend. Make each loop resemble
an "M" on its side to give it that bow tie look.

A small bow tie can be done the same way with 130T balloons. You might think
about Marvin Hardy's boutineer for the graduation.

I don't know how they do it in the circus but I refuse to make and hand out
balloons before a show or during intermission because the balloons are such a

distraction until they are all poped to put away.

If you have to use balloons at these times I suggest you limit the number of
balloons. You might try the slow flyer or the balloon race. Both of these
are set up the same way. Inflate a 260 all the way and make it straight.
 Cut a hole about the size of this "o"in the end of the balloon and put your
forefinger over the hole. Push your finger into the end of the balloon.
 Twist the balloon as you push it onto your finger so when you let it go the
balloon flies away spinning. The hole will keep it flying and everyone in
the audience will watch it. The kids will chase it down but find it
difficult to reinflate. To make a race, do two slow flyers but don't shoot
them off your finger. Just pinch the ends, point the balloons in the same
direction and announce the beginning of a race. Let them go and in a loud
voice call the race. You involve a lot of people with balloons but do not
leave inflated balloons in the audience.

This kind of thing works with other size balloons but with varying results.
 You have to test them.

Good luck, Tom Myers

```
From balloon-request@cvs.rochester.edu Thu Apr 20 21:57:05 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA15191
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 20 Apr 1995 21:57:05
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
          id AA01399; Thu, 20 Apr 95 21:46:37 EDT
Resent-Date: 20 Apr 95 21:38:32 EDT
Old-Return-Path: <73532.2312@compuserve.com>
Date: 20 Apr 95 21:38:32 EDT
From: "Marvin L. Hardy" <73532.2312@compuserve.com>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re: clear balloons
Message-Id: <950421013832_73532.2312_EHT278-2@CompuServe.COM>
Resent-Message-Id: <"KgXGu1.0.oL.zvmbl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/187
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

I'm trying to catch up on past messages that I didn't get to during my recent
travels. Sorry for the delay. I'll try to keep current from now on.

About two weeks ago JJ asked about a bow tie. Instructions follow for a good
one:

Inflate a 260Q leaving a 6 to 8 inch uninflated end and tie it. Form a 1 1/2
inch bubble at the knot end of the balloon followed by a 2 inch loop. Twist
the two ends of the loop together several times.

Form a second 2 inch loop. Twist the two ends of this loop together several
times.

Form a 3/4 inch pinch twist, twisting it several times. Position this pinch
twist so that it covers one side of the twist between the two 2 inch loops.

Form a second 3/4 inch pinch twist, twisting it several times. Position this
pinch twist so that it covers the other side of the twist between the two 2
inch loops. The two pinch twists will hold the two 2 inch loops firmly on a
flat plane.

Form a 1 1/2 inch bubble. Cut or break the remainder of the balloon off and
tie a knot at the end of this 1 1/2 inch bubble. The two 1 1/2 inch bubbles
will extend below the two 2 inch loops to complete the bow.

Insert two or three fingers of both hands through one of the two loops.
Stretch the loop out and squeeze it with both hands. This will cause the loop
to remain open.

Repeat this process with the second loop.

Thread an uninflated 260Q through the two loops and pull the two ends together
to force the middle of this balloon into the twist between the two loops,
hidden under one of the two pinch twists. Tie the two ends of the uninflated
260Q together to form a loop. Stretch this loop around your neck to hold the
tie in place.

If you tie the knot end of an inflated 260Q to the twist between the two bows
and form the two pinch twists with the added balloon, the two pinch twists can
be a different color than the bow and add a touch of class.

You can also make an ecellent regular neck tie out of two 260Qs if anyone is
interested.   Marvin

Date: Mon, 12 Aug 1996 12:45:13 -0400 (EDT)
From: Larry Moss <moss@fooledya.com>
To: Balloon Sculpting Mailing List <balloon@fooledya.com>
Subject: Re: Bowling stuff?

> Right now the idea (Thanx John) is maybe a buggs bunny holding a ball
> about to knock down the pens but my problem is I want the pens to be
> pair shaped. Any ideas?

I feel like I should make some witty comment on bowloing "pens", but I'm
not feeling real witty at the moment. the best bowling pin that I can
think of at the moment (we gotta be able to do better than this) would be
with a 260. Start with this (from a posting on making a basketball):

> From: MikeCUt@aol.com
> Subject: B-ball
>
>   Inflate (green) 260 & tie
>   Tie the ends together.
>   Twist the balloon at the side of the circle opposite the nipple/knot end.
> You now have a pair of giant lips (which, by the way, offer fun play with
> a little vent work or just silliness.)
>   Twist the "lips" in half. Now you have a pair of giant eyeglasses / bow
> tie / wings / etc.
>   Bring one end at right angle to the other end and lock the balloon
> together by rolling one side of the balloon around another side. You now
> have a balloon that looks like a football.

Now take this football shape and twist it about 3 inches from one of the
ends. You get something sort of bowling pin shaped.

Larry

```
Date: Mon, 12 Aug 1996 14:13:16 -0500 (CDT)
To: balloon@fooledya.com
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: Bowling stuff?
```

>Okay, I'll make fun of the flea market thing but in all honesty, I did
>pretty good. Now I need some creative help.....
>
>This lady called me from the flea market and her father owns one of
>our local bowling alleys. His birthday is this Monday and she wants me
>to deliver something bowling-ish.
>
>I need a bowling thing.... maybe a ball (I can see one from a round 5"
>with sharpie holes) but how about some pins?

A few months ago there was a thread about this on the balloon stacker list.
Check their archives for all the details, but I remember the best bowling
ball being made from a Qualatex Super-agate balloon double stuffed into a
second balloon which provided the ball color. Stick 3 black circles
(stickers or construction paper) on for the finger holes.

I really like Freda's idea of making pins from a bee body balloon blown up
all the way. I think I'll play with that tonight. Maybe put a small apple
twist at the bottom of the pins and use that to suction cup them to a base
so that they will stand upright?

Creative diameter shaping (thinning) may also be done by stretching the
balloon while inflating. Also, try using some colored PVC electrical tape
to keep the diameter small in the neck region of the pin.

I'll bet Adrienne will suggest weaving a pin. Her varying-diameter woven
260 vases are awesome.

While it probably won't fly for your application, junked (real) pins may be
obtained from bowling alleys. (I remember this tip from a Cub Scout tour
to a fire station many years ago... the firemen used old bowling pins as
knock-off wrenches on their chrome wingnuts so as not to damage the chrome,
and they got the pins free at the bowling alley.)

Mark


```
   o                        Balloon HQ
  <M>     The most complete collection of balloon info on the web
 _/ \_         http://www.fooledya.com/balloon/index.html
```

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Date: Mon, 12 Aug 1996 11:43:25 -0700
From: Freda Whaley - Firn Contact Person/Escambia <whaley_f@popmail.firn.edu>
To: pruthven@hiwaay.net
Subject: Re: Bowling stuff?

Philip wrote:
>
>
> I need a bowling thing.... maybe a ball (I can see one from a round 5"
> with sharpie holes) but how about some pins?
>
> Bee balloons? 350's?
>
> Right now the idea (Thanx John) is maybe a buggs bunny holding a ball
> about to knock down the pens but my problem is I want the pens to be
> pair shaped.  Any ideas?
>
> Thanx
> Phil

Try using a bee body balloon and blow it up ALL the way.

Freda
Ziggy the Traveling Balloon Lady
```

```
Date: 13 Aug 96 04:45:59 EDT
From: Fred Harshberger <103322.3000@CompuServe.COM>
To: "balloon@fooledya.com" <balloon@fooledya.com>
Subject: bowling

Hi all,
I seem to recall that the "squiggley worm" balloons by Unique, as discussed back
in Feb. were vaguely bowling pin shaped with an antenna on top.  Before
inflating, if you were to push the antenna back inside the balloon, and out the
mouth, (like turning it half-way inside out), tie a knot in the antenna, push it
back inside the mouth, and then inflate... that should get rid of the antenna,
and leave the knot inside the balloon, out of sight, or on the other hand, you
could just tie an knot in the antenna, then turn the whole balloon inside-out,
which would also get rid of the happy face, if the balloon is a solid and not
clear.  (is there a prize for "longest run-on sentence"?)  I was going to
suggest an 11" black round for the ball, but I like the idea of the super-agate
better.  Hey (!)  ...that makes *at least* 2 good posts on the balloon stacker
list (counting the famous "cleavage post" that I still haven't seen).  Maybe I
should sign up after all...   nah.
   (Heh-heh... every time I read someone calling it "the balloon stacker" list,
it cracks me up!)
Fred Harshberger
"The Balloon Dude"
103322.3000@compuserve.com
```
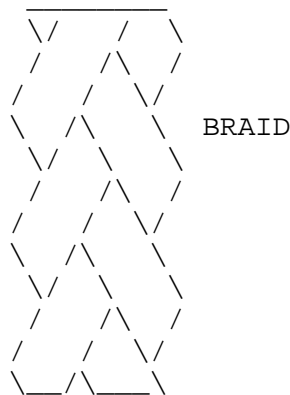
```
Date: Sat, 1 Jun 96 07:56:53 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re: 6 balloon braided heart
```

Bizzy writes,

>Excuse me, but I didn't understand the 6 balloon braided heart with your
>busines cards comment. Could you please describe in detail?
>Thank you,
>
>"Bizzy"

I'll try it again.

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         \   /\    \    BRAID
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         \__/\___\


           _____
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         |_____|
```


    First, take three fully inflated, slightly burped, & tied off 260's.
twist off a 1 to 2" bubble on each. Twist these together, so that all three
260's are joined. Just as you would braid hair, rope, or anything, braid
the three 260's . When you reach the end, join this end as you did the
other. Now do the same with three more 260's. At this point you should have
two braids.
    Bend the ends in on one end only of each braid, so as to make them look
like candy canes. Join the bent ends together by twisting the three bubbles
of one in with the three bubbles of the other. Do the same with the unbent
ends. You should now be holding a 6 balloon braided heart.
    On the inside of the heart, place the business cards between each of the
folds, on each of the sides, so as to display them.
    Anchor the heart to a chair, table, railing, or some handy, stationary
item with scraps of balloon &/or plastic balloon straws.
    I'm telling y'all, this really works!!!

John.

From: "Norm Carpenter" <norm@isc-br.isc-br.com>
To: "balloon" <balloon@fooledya.com>
Subject: Valentines Day Twist
Date: Fri, 31 Jan 1997 15:45:55 -0800

Hi All,

Karen, my wife, and I are decorating for a wedding this weekend. In the
process of getting our materials together Karen came across one of those
fold out paper displays that had a heart shape with two love birds in the
middle. She asked me if I could do something like that out of balloons to
add to the wedding decoration. I promptly responded "No". But then I
started thinking about it and thought of how I would put it together. The
upshot of this is that when I woke up this morning I tried it and it works
good. Not just for weddings but a great valentines day balloon.

Here's the process:

Build the braided heart as described by John Holmes earlier in this list (6
260Q balloons; 3 in each braid; twisted together at each end to form a
heart).

Take a length of 2Lb. fishing line and fix it where each braid is twisted
to the other braid. The net result is that you have the fishing line
bisecting the heart through the vertical center. I did this heart in red.

Now take one 260Q (I used white) and begin making the love birds (these
must be on the list as well). Make the tail, foot, bird body, head, head,
bird body, foot, tail and before you twist the feet together wrap the twist
between the bird heads once around the fishing line. Next twist the feet
together around the fishing line as well.

You end up with a braided heart and two love birds 'floating' in the middle
of the heart.

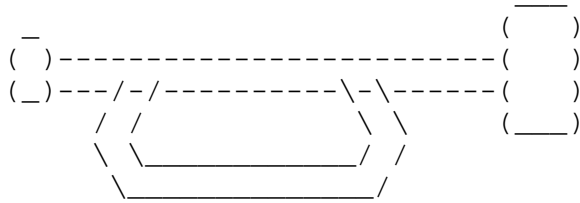It looked good enough to tell you guys about it right away!

Norm

```
From: buff.phoon@genie.com
Date: Tue,  4 Jun 96 05:33:00 UTC 0000
To: balloon@fooledya.com
Subject: GEO uses
```
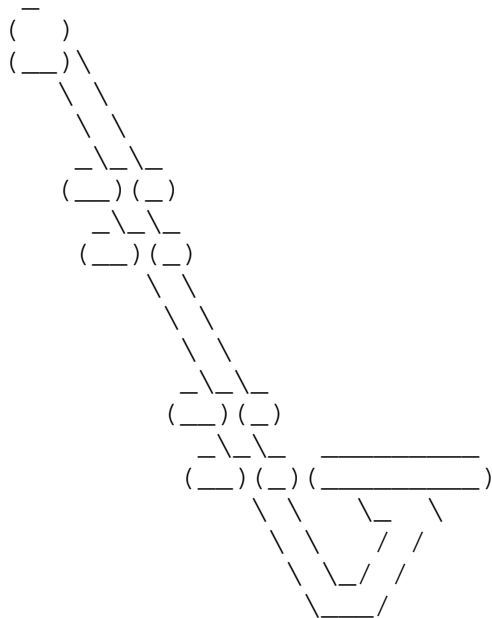
     I don't know if this has been mentioned in the Guide but I have
a hard time doing a search since I'm using a Commodore computer (an
8-bit, 2 Mhz system).

     Some time back someone asked what other people were doing with
GEOs besides making flowers. What about using them to make a bugle,
a saxaphone, or a barbell with weights? I am including the
instructions for each as I do them.

     BUGLE -- Inflate a 260 leaving a two inch tail. Inflate a 6 inch
GEO. Do a tulip/apple twist (about 1.5 inch) for a mouthpeice. Push
the tail through the GEO center and squeeze a bubble to the other side
so that the GEO stays on the 260. Loop the 260 around and tie in place
with broken bits of balloons.

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           / /              \ \     (___)
           \ _____/ /
            _____/
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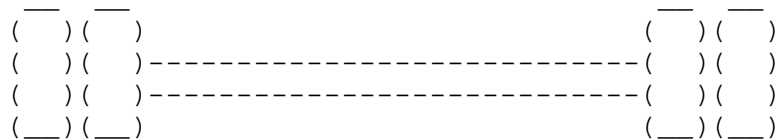
     SAXAPHONE -- Inflate a 260 leaving a 3-inch tail. Make the same
mouthpiece as in the BUGLE. Now twist a six-inch bubble followed by
two one-inch ear/bean twists. Twist a two-inch bubble followed by
another two one-inch eear twists. Twist a three or four inch bubble.
Follow that with another two one-inch ear twists, a two-inch bubble,
and another two one-inch ear twists. Inflate a GEO and put on the end
of the 260 just like in the BUGLE. Form the end of the 260 like a "J"
and tie the knot of the GEO to the last pair of ear twists. Mold the
first bubble (after the mouthpiece) to look like the bend in the neck
of the Sax.

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After making either one of these, you can tell the reciever of
the balloon to "blow." Or if two people got one of each maybe they
could "make beautiful music together."

Barbell with weights - Inflate a 260 most of the way. Try to
leave about one inch of uninflated balloon at each end. Inflate four
GEOs (and tie). Now push two GEOs onto each end of the 260. Now you
have the weights and if you bend or curve the 260 a little it will
look like the weights are pulling down on the "bar."

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    (  )(  )---------------------------(  )(  )
    (  )(  )---------------------------(  )(  )
    (__)(__)                             (__)(__)
```

Well, give these GEO uses a try but don't weight too long or you
won't be able to even blow your own horn. <G>

                         I must be off!
                           Buff Phoon the Clown
                           Buff.Phoon@Genie.com

```
From balloon-request@fooledya.com  Fri May  3 21:33:58 1996
Date: Fri, 3 May 1996 19:20:55 -0600 (MDT)
From: Sir Twist <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@fooledya.com>
Subject: re: Large Frog
Message-Id: <Pine.A32.3.91.960503183437.76231A-100000@freenet.edmonton.ab.ca>
```

Hi guys.. I seem to have made a few minor mistakes in my frog, mostly
having to do with proportions. Basically, you just have to play around
with bubble sizes, until you get a "froggy" look to it.

Notes:
1. The eyes should be turned parallel to the supporting balloon.
2. Adjust the length of the bubble that connects to the middle of the mouth.
3. For greater stability, add a second ET to each end of the green body
   balloon.

Also, here is a new version of the Energizer Bunny, that doesn't require
a GEO Donut.

Sir Twist's Energizer Bunny
===========================
You will need:
2 Pink 260Qs
1 White 260Q
1 Lt. Blue 260Q
1 Black 260Q (you just need a 3 inch piece)

1. Inflate the first pink 260, leaving 4 inches.

Twist as follows:
```
>(2.5)(4)(4)(2)(3)(1)....
      \Ears/        ET
```

Inflate the white balloon, leaving 6 inches.

Make a 1 inch ET, and wrap the white balloon around the pink balloon,
after the ET. Locktwist the white balloon to its initial ET. Make a
second loop around the first one. Again, locktwist it to the white ET.
Break off the remainder of the white balloon and tie.

Now, with the pink balloon, make a second ET after the white disc.
Twist as follows:
```
...(3)(3)(1)...
 arm     ET  Break off remainder.
```

Locktwist the arms together.

Inflate the second pink balloon, leaving 3 inches.

Tie the nozzle to the ET at the end of the first pink balloon. Make two
bubbles just long enough to go around the bottom of the white disc, and
stay in place. Break off and tie.

2. Inflate the blue balloon only 1.5 inches. Tulip twist the end, and
break it off and tie about 2 inches down. Repeat. These are the
drumsticks. Tie one into each of the ETs at the ends of the arms.

3. Inflate the piece of black balloon 1 inch. Move this bubble to the
middle, and divide it in half. Tie these sunglasses in place around the
head.

There ya go!

```
From moss@cvs.rochester.edu Mon Mar  7 13:47:17 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA08012
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 7 Mar 1994 13:47:17
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.1)
         id AA28399; Mon, 7 Mar 94 13:45:27 EST
Message-Id: <9403071845.AA28399@cvs.rochester.edu>
From: moss@swift.cvs.rochester.edu (Larry Moss)
Date: Mon, 7 Mar 1994 13:45:27 EST
Organization: very little
X-Mailer: Mail User's Shell (7.2.1 12/20/90)
To: balloon@mother.ent.rochester.edu (balloon maillist )
Subject: Re: Storage - and show
```

On Mar 7, 9:33am norm@strobe.ATC.Olivetti.Com (Norm Carpenter x3055) writes:
> Sorry for the long report, but this was the first time I have ever
> accepted money for tying balloons (even if I didn't get to keep any)
> and I had a good time.

No need to apologize. Glad to hear it went well.

> I got a lot of requests for a dinasaur and
> didn't know how to sculpt one, but came home after and came up with
> a pretty good idea. If there is any interest let me know and I'll
> send mail.

More dinosaurs are always useful to know.

I do two dinosaurs. Still no Barney. I've seen a bunch of people's
attempts at Barney, but still nothing I'm happy with. I think one of
them is an apotosaurus. At least that's what I was told. It's what I
would have called a brontosaurus a few years ago. (They've been dead for
all these years and we still can't settle on what to call them.) The
other one, a stegasaurus (as far as I know they haven't changed the name
of that one on me), doubles as a hat.

Quick descriptions -

brontosaurus:
        basically the standard four-legged animal shape, but I give it a
3 bubble body, a long neck, and no ears. Just shape the head and neck
the way you want without making any more bubbles.

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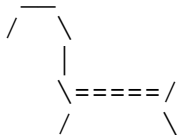
That make sense? I'm not going to draw all the bubbles now. YOu can also
stretch the neck a bit so it's longer and thinner, but leave teh head as
is when it's inflated. Or even roll the knot out a bit (hmm, someone may
want that explained too) to make the head bulge a bit.

What I mean by rolling the knot out - WHen you tie the knot, you should
leave it real loose. Dont' pull it tight. The air isn't goin to
escape. Now, if you roll the knot toward the end of the balloon to
tighten it, air will rush into the new space you created for it and form
a bulge in teh end of the balloon. It makes a great head.

Stegasaurus:
        Start out making a hat. Simple headband with a real small bubble

in the nozzle end of the balloon (first leg) and a long bubble in the
other end (neck and head). With a second balloon, make a small bubble to
match the first leg and attach to the headband at that point (there are
now two front legs). Make 3 largish ear twists along the balloon (the
scales along the spine) and connect it to the back of the headband. Make
two bubbles for rear legs at that spot. The remainder of the balloon is
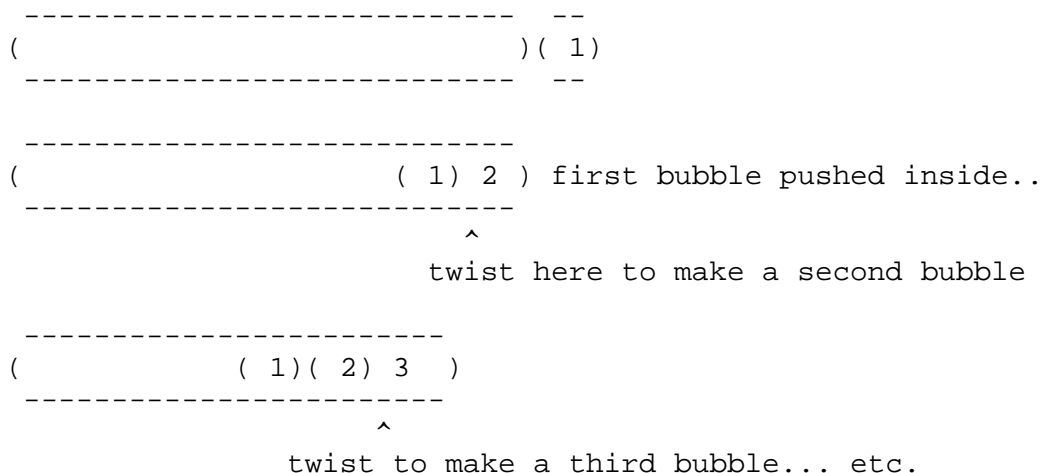the tail.

Let me know if either of those needs to be explained better.

Larry

```
From nobody@kodak.com  Tue Jun  2 09:08:56 1992
Received: from Kodak.COM by gawain.cif.rochester.edu (4.1/1.15) id AA19794; Tue, 2 Jun 92
09:08:56 EDT
Received: from kodak.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
        id AA15419; Tue, 2 Jun 92 09:09:55 -0400
Reply-To: nobody@kodak.com
Received: from park.kp02.kodak.com by kodak.Kodak.COM (4.1/SMI-4.1)
        id AA14098; Tue, 2 Jun 92 09:09:17 EDT
Received: from kodak.Kodak.COM by park.kp02.kodak.com (4.1/SMI-4.1-DNI)
        id AB23497; Tue, 2 Jun 92 09:09:17 EDT
Date: Tue, 2 Jun 92 09:09:17 EDT
From: nobody@kodak.com (James Batten)
Message-Id: <9206021309.AB23497@park.kp02.kodak.com>
To: balloon
Subject: the butterfly
```

Ok, here's the butterfly I promised. The body is pretty easy but the wings may
be hard to describe.. just bear with me.

Needed are three 260's, or two 260's and a broken balloon(if you save them
like I do.)

   Start by making a catapiller (what else would a butterfly start with.)

   Inflate a balloon about half way and tie it off. Make a small (less than
one inch) bubble then push it back inside the rest of the balloon. Push it
in a little ways so you will have enough 'new' end to twist off another bubble,
which also gets pushed into the balloon.

```
        --------------------------  --
       (                          )( 1)
        --------------------------  --

        --------------------------
       (                    ( 1) 2 ) first bubble pushed inside..
        --------------------------
                           ^
                      twist here to make a second bubble


       ----------------------
      (           ( 1)( 2) 3  )
       ----------------------
                      ^
                 twist to make a third bubble... etc.
```
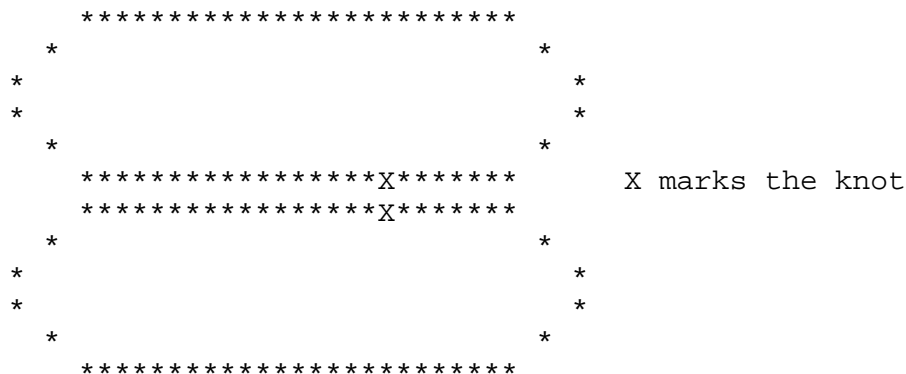
   When you have about six bubbles INSIDE the balloon, twist one more, but leave
it on the outside (this little head is MY contribution to the critter)

   Lastly, while holding the head (it'll look like an apple twist) take a pair
of siccors and cut off the tail end of the balloonan apple tiwst) cut off the
tail of the balloon with a pair of sissors. You want the entire outside of the
balloon to deflate around all the small balls you've put inside. You might
have to "milk" some of the air out. At this point I would draw a little face
on the head and hand it to the child while you make the wings so they can
play with their catapillar before it becomes a butterfly, and also to keep
them busy.

   Now the wings. Fill the balloon to within an inch of its life... er I mean
end.. give it a good healthy burp so it's not too tight, then tie its two ends
together forming a big loop. Fold it in half with the knot in the center and

give it a twist. You now have two loops joined at the knot. Here's where the
description MIGHT get fuzzy, but this is what MAKES it wings.......

   Hold the two loops side by side and position the knot so you have about
one third of the double loops ready to be twisted off, then twist at the knot.
If done right, you will have two large loops with two small loops below them.

```
         ***********************
       *                         *
     *                             *
     *                             *
       *                         *
         *****************X*******       X marks the knot
         *****************X*******
       *                         *
     *                             *
     *                             *
       *                         *
         ***********************
```

If you twist every thing where the knot is indicated I think you'll see how
the four loops are formed.

   Now, get the catapillar back from the kid and tie the wings to its back.

   I wasn't really to sure if I liked this guy after I made him. The pictures
seemed to look SO much better, but the reactions I've gotten tell me that its
worth while doing. I hope you enjoy it...

ciao - jim batten

P.S. The machine I used to mail from has finally bit the big one and it looks
like my new machine may not be registered yet, so my mail MIGHT look like its
comming from nobody@kodak.kodak.com but trust me... it is still

batten@kodak.kodak.com

later...

```
From balloon-request@cvs.rochester.edu  Sat Sep  9 13:13:51 1995
          id AA10754; Sat, 9 Sep 95 13:10:13 EDT
Date: Sat, 9 Sep 1995 13:10:06 -0400
From: LarryH49@aol.com
Message-Id: <950909130954_14897625@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: rattlesnake tails
```

Regarding multiple twists, Bingo and Buster in the book, Balloonimals Two,
make a catterpillar by putting a string of small bubbles inside the balloon.
 Then they break the outside balloon to make the catterpillar or butterfly
body. They add some wings for a butterfly. I have not made this though.
In Texas Style Balloons, Bobby Cordell makes a rattlesnake tail by making a
long, soft (squeeze some air out) hook twist (very long apple twist). Then
since it is soft he twists it into 4 or so individual bubbles.   I haven't
made this one but I have twisted a bubble or a small nose on a hook twist to
make a hound dog (after Ralph Dewey).

```
From balloon-request@cvs.rochester.edu  Thu Nov  2 16:08:58 1995
          id AA24999; Thu, 2 Nov 95 15:57:40 EST
Date: Thu, 2 Nov 1995 14:57:21 -0600
From: beaverson sheena k <sbeavers@ux1.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
Subject: Re: more money...
In-Reply-To: <BE696E2F01C90E00@tacin.co.uk>
Message-Id: <Pine.DYN.3.91.951102135138.17470A-100000@ux1.cso.uiuc.edu>
```

On Thu, 2 Nov 1995, Jon Norris wrote:

> One question;
>
> My butterfly has antennae. Blow a 4 inch bubble in a 260 - tie off. Twist
> bubble in half and squeeze one of them to the other end. This takes
> approximately an hour and a half, and I NEVER exaggerate, EVER. What am I
> doing wrong? It's not as simple as the poodle tail.

Joe,

At IBAC Roayal showed us a great butterfly (anybody catching on yet that
Royal and Patty are just awesome?) Haven't made one in awhile, so I'll
try to wing it. (ha ha, butterfly...wing...get it?)

Inflate two balloons partially. Leave enough uninflated to leave room
for a poodle-tail ball on the end of an antennae. (sort of a personal
preference, depending on the length of antennae you like...I leave mine
a little long so they'll bop around.) So now you have two balloons, each
with a bubble at the end of a long tail (at the nipple).

Now, twist a small 1-inch bubble at the nozzle-end of one of the balloons.
Twist a slightly larger bubble (2-3 inch) at the nozzle-end of the second
balloons. Now twist the two balloons together. The smaller 1-inch
bubble is the head, the longer bubble is the body. Now, form a long
loop with the remainder of each balloon, and wrap base of the antennae
around the head-body joining twist. Manuver the antennae around to where
you like em. Now make each long loop a heart-shape, and you've got an
easy-quick, great looking two-balloon butterfly. (Esp. after you draw on
big warm eyes and a kooky smile)

While Royal and Patty's multi-ballon creations are spectacular, this
little butterfly was just about my favorite thing that I learned at IBAC.

BUT: (is this already in the FAQ?) to address your question
directly...inflate a 260 with your 4-inch bubble, as you state above.
(I'd use a smaller amount of air, but again, that's just my preference)

Twist that bubble of air in 1/2...thus isolating 1/2 of the air in a
bubble at the nozzle-end. Wrap your fingers around the uninflated long
portion of the balloon... and SQUEEZE the other 1/2 of the air. The only
place you've left it to go is through the thin tube of balloon confined
by your fingers to the other end (of which you've left a small portion
poking out of your fist). This leaves you with an quick and easy
double-poodle tail suitable for antennae. Remember, do ALL your poodle
tails this way, never suck the balloon...(I KNOW that's gotta be in the FAQ)

I've seen another twister make a one-balloon version of the above
butterfly, and then add this separate antennae. It's cute.

Hope this helps

:)

sheena k.

```
From balloon-request@cvs.rochester.edu  Sun Dec  3 16:03:35 1995
         id AA20828; Sun, 3 Dec 95 15:56:34 EST
Message-Id: <9512032054.AA12263@gemini>
Date: Sun, 03 Dec 1995 12:56:52 -0800
To: balloon@cvs.rochester.edu
From: danlorna@gemini.adnc.com (Dan Curtis or Lorna Paris)
Subject: Re: an easy alternative


>>I think what I'm looking for is another easy balloon creation I can have
>>them make that uses the same technique as the tree fold dog.  Does any one
>>have a pattern I can use?
>
>How about a 1-balloon buterlfy.
>
>The version I do goes like this:
>
>Inflate a 260 all the way, let out a lot of air so that its a little soft,
>
>take the two ends...put them side by side so the balloon's folded in half.
>lock-twist them togetherabout 2-3inches from their ends.
>
>Now....take the big loop that just formed and twist it inhalf by twisting
it around the twist from the bodies.
>
>Arrange to get a butterfly shape.
>
>when I do this, I also bend the wings in a heart shape, but with a bunch of
kids, I'd skip it.
>
>I also add eyes, and a smile...yes, i know that butterflies have thhier
eyes on anntenae, but it looks better in latex with cartoon eyes.
>
>---Lorna
>
```

```
From balloon-request@cvs.rochester.edu  Wed Nov 15 13:08:17 1995
        id AA26589; Wed, 15 Nov 95 13:02:48 EST
Message-Id: <9511151804.AA1040@msi-gateway1.metropolis.com>
To: balloon <balloon@cvs.rochester.edu>
From: Dennis Dawson/MSI
  <Dennis_Dawson@msi-gateway1.metropolis.com>
Date: 15 Nov 95 10:01:19 EDT
Subject: Camel Idea for Bruce
```

Bruce asks:
>Anyone make a good camel out there?

Camel's one of my favorites. I don't have a balloon with me (shame, shame,
shame), so I'm guessing at the lengths. I'll try it tonight and repost if it's
way off. It's essentially a dog with a bulbous nose, small ears, long curved
neck, and two ear twists on the back.

```
#################
##### CAMEL #####
#################
```

Leave about 5" uninflated.

```
                            ear twist ear twist
                              \     / \     /
@( 2 )(.25)(.25)(  4  )( 3 )( 3 )( 1)(1.5)(1)(1.5)(1)( 3 )( 3 )(tail)
Nose  \  ears /   Neck \  legs  /\-------back-------/ \--legs--/


              ___o                          _
             / _ \            /\   /\     //
             \/ \ \___   __\/__\/_ _//
                 \___/  \_/\__/\_/\/
                    | |          | \
                    |_|          |_|
```
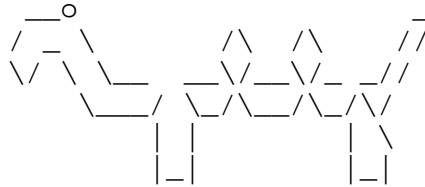
Bend the nose to make it bulge at the nipple, make tiny ears, then make the
neck and give it a very dramatic bend. This sculpture tends to curl up in the
fetal position, but with patient adjustment it will stand on its own. Let me
know if I didn't make it clear.

P.S. - Larry, Mark and I just did some work on the website to update the links
from the sculpture list to the original mail messages. It would help immensely
if those of you who are generous enough to send sculpture instructions would
include the name of the sculpture in the subject (title) of your mail message.
It helps a lot when creating and testing the links if I can quickly see whether
or not I have the right message without reading it in its entirety. In this
case, I'm replying to the message "Re:Dirty Hands." Rather than use that name,
I changed it to "Camel Idea for Bruce." That lets Bruce know that it's a
reply, but will help me later if we decide this is good enough to add to the
list.

--> Cap'n Denny (the Red Flash) <--

```
From balloon-request@cvs.rochester.edu  Wed Nov 15 13:28:52 1995
        id AA26991; Wed, 15 Nov 95 13:19:18 EST
Date: Wed, 15 Nov 1995 11:18:06 -0700
From: Robert.Herndon@central.sun.com (Robert Herndon)
Message-Id: <199511151818.LAA09737@marble.Central.Sun.COM>
To: balloon@cvs.rochester.edu
Subject: camel
```

Something that might make the camel a little more amenable to "proper"
configuaration is to put a small ear-twist in under the two main humps
in the body. For a single hump camel (as opposed to a dromedary?) I
think this looks better; your opinion may vary... I don't know which
I like better for a two-hump camel, but the extra ear twist helps a
lot in keeping the body straight.

/r

```
To: chris.maxwell@backtrks.com
Subject: Re: Camel
Date: Fri, 14 Jun 1996 12:19:08 -0400
From: "knighton@oswego.Oswego.EDU (Robert C. Knighton)" <knighton@oswego.Oswego.EDU>

In a previous message, chris.maxwell@backtrks.com writes:
[clip...]
=->
=-> Those are the two main areas, but if anyone has any other ideas/suggestio=
=-> ns,
=-> please let me know!
=->

how about this:

inflate 260 leaving about 7 inches.

use apple twist method to make the mouth (singing "Let's do the Twist" while
working always gets a laugh :)

next twist a 1.5 in bubble for the head followed by two smallish (> 1 in.)
ear twists (pinch twist, whatever) for the ears.

Give yourself a 3in neck followed by 2-3 in legs.  Make the neck somewhat
soft so there is enought air to go around, but hard enough to support itself.

now, a 2.5 - 3 in bubble, a one inch bubbble, a large ear twist (1.5 in
or so), .5 in bubble (.75 in good also), another large ear twist and
another 1 in bubble.  Lock the last twist to the bottom af the neck.
Make another 2.5 in - 3 in bubble and roll twist through the first 2 parts.

Make the back legs same as the first.


=->
=-> ***************
=-> P.S. - how about one of the "creative geniuses" letting us know exactly h=
=-> ow
=-> they make a fishing pole.

I use Dewey's version and it goes over VERY well.  I can't remember which
of his books I got it from, but it's really nice.

=->
=->
=->
=-> Christopher
=-> chris.maxwell@backtrks.com

Robert Knighton
Sculpted Inflations
```

```
Date: 10 Jun 96 12:02:20 EDT
From: RWL <74650.2141@CompuServe.COM>
To: "INTERNET:balloon@fooledya.com" <balloon@fooledya.com>
Subject: Re: Young at Heart List
```

Hi Christopher,
Regarding age- my clown character is only 4 years old!!

A Camel might work better is you make a three part roll through body with one of
the three being about 1" longer than the other two to make the hump.

Well, back to catching up. I've been at Clown Camp for a week and can't seem to
get through all of the piled up mail. When I do I have a couple of new ideas to
share. On the way home in the car I designed a car and perfected the tricycle
as well as learned the ostrich.

Hi Jozee!! We got to meet but didn't have enough time to really visit ;*(.
Have you caught up on your sleep yet?

Bump a Nose,
Popsicle aka Kathy

```
Date: Thu, 20 Jun 96 12:34:47 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: camel eyes

Do I feel sheepish. I said "up-side-down u's, closed at the top", didn't I?
Well, leave them right-side-up & follow through.
        Sorry,
            John.
```

```
Date: Thu, 20 Jun 96 10:52:46 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re: Camel gone fishing.
```

>One, how to make the ears look more realistic.

I would make two very small ear twists & turn them slightly. It won't look
real to the likes of us, but people generally have enough imagination to
fill in, if we can get close.

>Two, (for those who know something about drawing) what could I draw for a f=
ace
>that would make it look more realistic (once again, no jokes about smoking =
or
>cigarettes - never tried =EBem, never been tempted to, and never will).

Mouth:Two crescents coming up from under the chin ,meeting at the
nozzle.(you might even draw a small opening with a tooth showing on one
side to indicate chewing of cud[watch out! they spit!]). Nose:Small v,
closed at the top & filled in, coming down to the nozzle(did I just post
nasal drip?). Eyes:A little larger than the nose. Upside-down u's, closed
at the top with a line that extends slightly past the tops of the u's(don't
forget the eye-lashes)

>
>Those are the two main areas, but if anyone has any other ideas/suggestions=
,
>please let me know!
>
>
>***************
>P.S. - how about one of the "creative geniuses" letting us know exactly how
>they make a fishing pole.

Well, first they take some fiber-glass or graphite, but, me? I just go cut
a tall piece of cane, strip off all the leaves, tie on a line, hook &
sinker, attatch a worm, & go fishing. I find out all the time why it's
called fishing instead of catching.(seriously, though, Jozee & Popcicle
covered the fishing pole very well)
>Christopher
>chris.maxwell@backtrks.com

John.

```
From balloon-request@cvs.rochester.edu  Tue Nov 14 13:55:51 1995
          id AA14626; Tue, 14 Nov 95 13:52:00 EST
Date: 14 Nov 95 13:44:15 EST
From: "JOHN M. HOLMES" <102621.1047@compuserve.com>
To: "Balloon H.Q." <balloon@cvs.rochester.edu>
Subject: Famous canary
Message-Id: <951114184414_102621.1047_GHS123-1@CompuServe.COM>
```

Instructions for a little yellow bird. Hint: I taught, as opposed to I teach.

```
                                    _                 _
Ledgend: >=nozzle, -=uninflatwd, (_)=chamber, *=knot, (_>=beak,
(1)=chamber's place, [toe+bone]=body part, #2=illustration.
```

#1 yellow 260

```
        [     head      +cheeks+neck+   arms    +body+tail]
         ___ ___ ___ _ _ _ _ _ _ _ ___ _
>----*(___)(___)(___)(_)(_)(_)(_)(_)(_)(___)(_)*--
      \   /\    |   /\   |  /\ /\   |    /\   /\ /
       (1)   (2&3)    (4&5)  (6)  (7to10)  (11)(12)
```

#2 orange 260

```
[heel+  foot   +legs+  foot   +heel][beek]
  _ _ ___ ___ _ _ ___ ___ _    _ _
>*(_)(___)(___)(_)(_)(___)(___)(_)*--*(_>
  \ /\    |   /\  | /\    |   /\ /    \ /
  (1)   (2&3)  (4&5)  (6&7)   (8)     (9)
```

Illustration #1: Take a yellow 260, keeping 3in. from nozzle uninflated, fill to
2-2.5ft. & tie. Twist off 3-3in. chambers[head] and fold chambers(2&3)[head]
together. Fold twist chambers(4&5) into 2 small 1in. bubbles[cheeks].Place each
of these under(2&3). (2-5) should now form a plane with(1) pointing away from
this junction. Twist off 1-1in. chamber(6)[neck] & place between cheeks to
continue plane. Twist off 4-.5in. bubbles(7-10)[arms] spinning together to form
a 4 bubble loop.Twist 2 each of these chambers together to form 2 arms. Place
these opposite each other under the neck maintaining the plane. Set this balloon
aside & go to illustration #2: Take an orange 260{Some people say, "Don't put
the balloon in your mouth in front of the kids!". If you have a better way to do
what I'm about to describe, then I'd like to hear about it.}. Put the balloon in
your mouth & suck up a small bubble loose enough to be shaped(9) into a [beek]
after the knot is tied. Tie knot{the one by the [beek] (9)} Return to
nozzle.Inflate to about arms length{I'm 5'7"}, & tie as usual for you. Twist off
a .5in.{half inch}chamber(1)[heel], followed by 2-3to4in. bubbles(2&3)[foot].
Spin these two together to formthe 1st. foot. Twist off
1-1in. chamber(4) [1st. leg], and hold between your pinky & ring finger of your
non-predominant hand. Go back to Illustration #1. With remaining yellow bubble,
twist off a 2in. chamber(11)[body] and flod in the last twist you made on the
orange balloon. Working with the orange balloon, repeat foot process only in
reverse, tying off just past the last .5in.{half inch} bubble. Cut, clip, snap,
break, streach, or pop the remainder off & save the little beek for later. Do
the same with the rest of the yellow balloon, tying off a 1in. bubble to keep
the feet{orange} & tail/body joined at this point. {the reason I do this balloon
in this order is so that my patrons have a hard time guessing what in the world
I'm making up until the very last.} Remember the uninflated yellow nozzle? Pull
it up over & between the 2 head chambers and wind it in at the cheek/head
junction several times to keep the kids from undoing it. Now, wind in the orange
beek at this same place & turn it down. Get yourself some white, paper
reinforcement rings & apply two; one on either side of and just above the beek
on the yellow head. It should look even better if you color the center hole on
the rings & make three VERY small eyelashes above the rings with a sharpie.

DONE!

    Let me know what you think of my first attempt at writing balloon
directions. I do video much better. Did I send out a mail on this before & the
file attachment didn't make it? Sorry!
        John,The Balloon Man-Dallas.
oOo oOo
\|/ \|/
  $ $
   \o/
   {J}
   / \
  /   /

```
From balloon-request@cvs.rochester.edu   Mon Nov 20 12:33:44 1995
         id AA25278; Mon, 20 Nov 95 12:30:36 EST
Message-Id: <199511201730.KAA16671@usr1.primenet.com>
To: Balloon Modelling <balloon@cvs.rochester.edu>
Subject: AMOUNT of Mail
Date: Mon, 20 Nov 95 10:32:47 -0500
From: "Powers, Clyde & Arlene" <clydep@primenet.com>

-- [ From: Powers, Clyde & Arlene * EMC.Ver #2.5.02 ] --

Larry,
Have you considered setting up a chat line or room at a certain time each
week. We could have some one note the highlights and post them to the line
each week, and  cut down on the number of postings, especially if you are
still concerned about disk space. I enjoy the mail, but have seen several
people drop off due to the large amount. As I pose this to you, know that I
am pretty ignorant as to what this entails, it was a suggestion from my
husband who is the "computer guy" in this family. I know there is one on AOL
, but I am on an Internet provider, so am unable to join in, but would love
to I never get tired of talking about balloons, and working with others to
create and improve sculptures.

John - on your yellow bird, it is cute if you add balloon eyes, blow up a
white 260 about five to six inches, twist two 2 1/2 or three in bubbles,
wrap around the third head bubble at the top of the head  before you fold it
over, then after it is folded over, tie the ends together securing around
the head, then draw eyes and eye lashes on the white balloons, if you want
the white eyes smaller, use 130's.You can also use a clear balloon and do
the googly eyes with balloon seeds, or high bounce balls in them.

Arleenie
```

```
From balloon-request@cvs.rochester.edu  Mon Nov 20 18:08:04 1995
        id AA02434; Mon, 20 Nov 95 18:05:25 EST
Date: 20 Nov 95 17:12:44 EST
From: "JOHN M. HOLMES" <102621.1047@compuserve.com>
To: Arleenie <balloon@cvs.rochester.edu>
Subject: Tweety eyes
Message-Id: <951120221244_102621.1047_GHS97-1@CompuServe.COM>
```

I do make balloon eyes, but the technic is rather hard to describe. I was being
easy on myself by omitting them. Here goes! Buckle up.

Inflate white 260 about 6" & tie off. Squeeze air down from knot to leave .5"
uninflated. Grasping this uninflated peice you just made w/pinky of
non-predominant hand, twist bubble in half. fold these 2 bubbles into the yellow
between the head & cheek putting them opposite the back of head. Now
squeeze/twist off on one bubble a very small chamber; placing the twist between
the index & middle finger of non-predominant
hand. Repeat process, but place this twist between the middle & ring finger next
to the 1st. chamber. now by pushing down on yellow w/thumb & little finger you
stretch the small white chambers up to check for continuity of size. If
adjustment is needed, just untwist one slightly to control air-flow & squeeze
upper bubble to add size or lower to reduce. get ready for some tight work.
Cross these two twists one over the other, causing upper bubbles to change
places. IMPORTANT:180 degree turn; no more! Put your thumb on top of where these
2 twists cross & index finger on bottom, holding tight.(eyes in palm; palm
facing you.) W/practice, the bubble w/the knot should be tight enough to pop
when squeezed w/other hand, leaving a peice long enough to use for tying. The
remainder of the inflated to be disposed of can now be folded over the index &
under middle finger of non-predominant. Squeeze thumb index & middle fingers
together tightly. W/other hand, grasp remainder w/thumb-nail pressed firmly into
flesh of index finger while leaving skin of balloon taught(inflated). Just as
silly putty will stretch if moved slow & snap if moved fast; move your hands
apart FAST! If all went well, you can now Square-knot the 2 ends together.
Remember the long yellow peice from the nozzle to the knot? Use it, instead of
as directed before, to take up over the top, run between the eyes, back to top
of head & wrap between the two chambers of the front of head. Tuck in the white
scraps & color to taste.
     John,The Balloon Man-Dallas
```
oOo oOo
\|/ \|/
 $     $
  \O/
  {J}
  / \
 /   /

   { eyes }
      __  __
>*-(__)(__)---
    \    |   /
     (1)(2)
```

```
From balloon-request@cvs.rochester.edu Tue Jun 13 07:54:11 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA01004
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 13 Jun 1995 07:54:11
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA23468; Tue, 13 Jun 95 07:53:52 EDT
Resent-Date: Tue, 13 Jun 1995 07:53:47 -0400
Old-Return-Path: <PsychGuy@aol.com>
Date: Tue, 13 Jun 1995 07:53:47 -0400
From: PsychGuy@aol.com
Message-Id: <950613075345_69726261@aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: candy cane
Resent-Message-Id: <"QCO0W3.0.ak5.EnNtl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/318
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Expermented a lot to find a way to quickly make two balloons twisted tightly
together. I think that Tom mentioned in hiw newsletter that the awy to do it
was to twist them in on each other ad you twist them together. What I found
that works really well for me (this is for other newbies), I start with the
two one inches lock-twisted bubbles in my right hand (I'm right handed), and
then open my left hand, palm facing the two balloons. I put the twist (the
center where the two balloons are being twisted together in the pal of my
hand which is facing to the right. One balloon is over the space between my
thumb and forefinger and the other extends down the base of my palm towards
the floor.   I push in slightly so the balloons are almost at 90 degree angle
from the twist being created in my right hand. I then start rotating my
right hand to make the twist. To get a tight twist you have to push the
crook of the twist a little into your tight palm and also use the friction of
your palm of fingers (right hand) to twist each balloon itself as the two are
being twisted together. WHEW! This expository writing is darn hard.

Well that from somebody who don't know nothin.!!! I'm sure the veterans have
other (and probably better ways) to do this, and would love to hear about
them. This works for me. Also, for newbies, once you do a straight twist
that is locked at both ends, the balloon makes a lovely twist in the air if
you throw it like a spear.

Marc

From: "Andy & Trudy Oppenheim" <hippy@thenet.net>
To: "balloon" <balloon@fooledya.com>
Subject: 1 balloon cat
Date: Sat, 21 Sep 1996 20:34:32 -0400

1) inflate a 260 with a 8" tail making a LONG nozzle
2) twist a 1" bubble a 1.5" bubble a 1" bubble and a 1/2" bubble and lock
the 1" (not the knot end) to the 1/2"
3)make a 1.5"bubble a 1" bubble and a 1/2" bubble to the joint in step 2
4) twist a 1" bubble and tie the knot to the lower end of the twist
5)twist a 1" bubble and move it so the twist you made goes between the 1/2
bubbles
6)twist the 3 1" bubbles 1/3 turn so you have 2 on top and one on the on
bottom
7) make an ear twist in each of the 1" bubbles next to the 1/2 inchers to
make ears
8) make a 1 1/2 inch neck a pair of 3" legs and a 4 inch middle and a last
set of 3" legs
9) draw eyes if you wish and arch the back and tail for a scary effect
andy

```
To: balloon@fooledya.com
Subject: Andy's one balloon cat
From: brit_anders@juno.com (Brit W Anders)
Date: Sun, 22 Sep 1996 20:36:53 EDT
```

You can also substitute for step #8;
8.a.) [a] 1.5" bubble, [b and c] two 1" bubbles and another [d] 1.5"
bubble - lock [a] and [d] together - then a 3'" body and repeat for the
back legs.
9.a.) I like to twist the front legs to the back legs to make the back
really arch up.

Brit

```
Date: Thu, 17 Oct 1996 02:02:17 -0400
To: balloon@cvs.rochester.edu
From: ramsi@mcbio.med.buffalo.edu (Ramsi Haddad)
Subject: Cell Phone
```

Howdy,

        I noticed on the web pages a while ago a "cordless telephone" from the Texas Clown Association convention, Oct. 1994. It is an inflated 321 with a bend in the bottom 1/4 or 1/3 (at the nozzle end....). Then there is a key pad drawn in the middle and the mouth and ear spots have dots drawn in like a real phone. I've been making this for a few weeks and I gotta say that the thing is a huge hit among the adult crowd. The kids like it too. They are simple to make but take a while to draw everything in. I usually make one and put it up to my ear and say something like "Hello? Short, with blond hair? Yeah, one moment please. " Then I hold the phone to them and say, "It's for you". Lots of laughs.

Ramsi.

From: "Bruce Chamberlain" <BruceCh@burgoyne.com>
To: <balloon@cvs.rochester.edu>, "Ramsi Haddad" <ramsi@mcbio.med.buffalo.edu>
Subject: Re: Cell Phone
Date: Thu, 3 Oct 1996 14:26:08 -0600

This is also a wonderful alternative for the grey balloon. Inflate about
6" do a tulip twist with the knot (gives it a more squared off look) go to
it with your sharpie (or expo) and you have a phone.

Dr B

>   I noticed on the web pages a while ago a "cordless telephone"
from
> the Texas Clown Association convention, Oct. 1994. It is an inflated 321
> with a bend in the bottom 1/4 or 1/3 (at the nozzle end....). Then there
> is a key pad drawn in the middle and the mouth and ear spots have dots
> drawn in like a real phone.
> Ramsi.

```
Date: Sun, 16 Jun 1996 23:07:08 -0400 (EDT)
To: balloon@fooledya.com
From: Dan Guterman <guterman@mail.accent.net>
Subject: Chicago Bulls Hat!
```

I was just watching the game (chicago the greatest team ever)! And while the
T.V. cameras were taping the crowd ,I got a look at what looked like a very
simple Bull's balloon hat.Due to the speed of the camera I really didn't get
a good look at it. But it's probably twitsed like this.

Two 260's
        1 red 260Q (i)
        1 white 260Q (ii)

(i) Fully inflate the balloon but give it a big burp allowing the balloon to
soften.Twist balloon in half.
(ii) Fully inflate the balloon no burp needed. Tie the nozzle of this red
balloon to the twist in the white balloon.Now take the balloon and wrap it
around the twist one full turn and lock twist to the nozzle of the red
balloon.Twist a loop twist beside the other loop twist for extra
support.Mesure the size of the spectators head and twist it into a
loop.Twist a one inch pinch twist and position it in back of the two loop
twists.Get rid of teh rest of the balloon.'

Finishing touches:Curve the two horn forward a bit to resemble a bull's
horn.The loop is slipped on the wearer around the face not around the head.

        If you have any questions e-mail me,
                The Balloon Boy
                Dan Guterman

From balloon-request@cvs.rochester.edu Tue Dec 12 07:39:48 1995
        id AA26387; Tue, 12 Dec 95 07:37:18 EST
From: "C. Piaf" <edp56@cc.keele.ac.uk>
Message-Id: <5980.199512121235@potter.cc.keele.ac.uk>
Subject: Rudolph
To: balloon@cvs.rochester.edu
Date: Tue, 12 Dec 1995 12:35:38 +0000 (GMT)
Content-Transfer-Encoding: 7bit

Here's a seasonal trick to use in balloon shows that is just a variation on
a theme.
Double stuff a red 260 in a black 260 and inflate it in preparation for the
trick. During the show, make a reindeer with the balloon (or is it
balloons?). Add a nose to the reindeer that is in the Web pages by adding
a .5" ear twist to the snout. Tell the children that you've made Rudolph
the Red Nosed Reindeer and they will immediately tell you that his nose is
black. Pop the outer black balloon to reveal Rudolph.

Another part of my act that is a follow on from this (it's actually adapted
from my non-Christmas act) is to construct a "monster" from a red reindeer,
a two balloon butterfly, and a dog. The butterfly's wings are the monster's
eyes, the butterfly's head is his nose (usually I add two eyes to my
butterfly and use the nozzle as a proboscis), the reindeer's tail and back
legs are the mouth and the dog's tail is its tongue. The dog's legs are the
monster's legs. The three sculptures are joined together with a partially
inflated 260 wrapped around them. So much for the preparation.

Next choose the birthday child as the first character of the story and tell
the children that they have to guess the animal you are making. You inflate
a green 260 and pretend to twist it and end up with a caterpillar (don't
make a caterpillar though just leave the ballon as it is). This caterpillar
lives in a forest at the bottom of a big tree and its mummy (check the
family situation of the birthday child) has told it not to wander out into
the forest as the trees all look the same and it'll get lost. Anyway, the
caterpillar wanders out and gets lost, but then finds a path that looks like
the way home. Along that path is the monster (first ask an adult to be the
next animal before telling them what it is). Get the adult to growl and
then it eats the caterpillar.

Caterpillar's friend the dog heads off to find his friend and is eaten by
the monster. Next Rudolph the red nosed reindeer with his big antlers heads
off to find his friends and is eaten by the monster. Alll this time stress
that the caterpillar is looking ill, not moving and has turned a horrible
brown colour.

Rudolph has an idea and decides to bash his way out with his antlers. Burst
the 260 that joins the monster together and all the balloons fall out. "and
out of the monster came.... Rudolph the [Red Nosed Reindeer], a [dog] and a
[caterpillar].... No not a caterpillar, but a beautiful butterfly." The
square brackets denote the reply that the audience give (they have never
failed to give these replies yet).

I adapted this story from one with a crocodile that snapped its way out of
the monster, but this works just as well.   I usually ask the children if
they know the story of Rudolph and if they don't I tell them. If they do I
get them to tell the audience. I then tell them that I know another story
about Rudolph and ask if they would like to hear it.

Hope this is of some use to you all. Feel free to use it whenever you like,
but if you do please tell the children that MerryLeggs the Clown in England
told you the story.

If you've seen something very similar to this before then please tell me. I
think it's a fairly original set, but I haven't read all the literature.

Cheers,
Carl (MerryLeggs).

```
From joker  Tue Dec 22 14:09:28 1992
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
         id AA29282; Tue, 22 Dec 92 14:09:28 -0500
From: joker@mother (Larry Moss)
Date: Tue, 22 Dec 1992 14:09:27 -0500
In-Reply-To: toddc@ihlpm.att.com
        "Re: Reindeer Balloon" (Dec 22, 11:47am)
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@mother.ent.rochester.edu
Subject: Trees and other holiday gooddies
```

On Dec 22, 11:47am toddc@ihlpm.att.com writes:
>   Now, got any ideas on how to make a sleigh?

I've been thinking about this one, but I haven't come up with anything
yet. If anyone has any ideas, please post 'em.

>   I've thought about making a Christmas tree by using 4 green 260's,
> tieing them to gether at one end, and making bends in them to get the
> "usual" shape of a Christmas tree.
>   /\
>   / \
>   /   \
>   --||--

I'm not sure what you meant by bends to get the usual shape, but here's
what comes to mind. (I haven't tried this either, so I have no idea how
it'll work.) Tie the 4 balloons together at the nozzle end and leave a
couple inches free at the nipple end. To get the bends at the lower
corners of the balloon, use ear twists, marked by X's. Now you'll have 4
smaller bubbles that you can twist together in the center of the tree to
form a trunk. What will really happen is that the 4 ends will spread
apart, but you may be able to use that to get the tree to stand. Is that
what you meant?

```
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               /  \
              /    \
           X--/\--X
             /  \
```

Dreydels -

I managed to make a 4 balloon dreydel. I was hoping for somethign
smaller, but I think it's kinda neat. take 2 soft, but fully inflated
260's. Twist them together in the middle. Twist off about 10 inches
from each of the 4 loose ends and connect the very ends of those bubbles
to the twist in the next bubble over.

(Here are two ends. there are 4 in reality)

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            \/



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Inflate another balloon. This just has to be long enough to make it
around the outside of the dreydel. Again, 10 inch bubbles.

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       |      |
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        _____
       \      /
         \ /
```
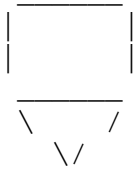
DO a big pop twist with the last balloon. You basically need to form a
T where the 2 bubbles forming the top of it will be able to extend the
distance between two opposite corners inside the dreydel (for you
geometry buffs out there, that's about 7 inches each). Now attach that
inside the dreydel.

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        ___|___
       \      /
         \ /
```
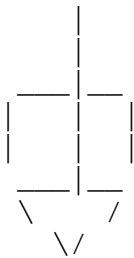
Larry

```
From balloon-request@cvs.rochester.edu Wed Dec  7 14:16:16 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA23980
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Wed, 7 Dec 1994 14:16:16
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
        id AA28695; Wed, 7 Dec 94 13:51:38 EST
Resent-Date: Wed, 7 Dec 1994 13:51:30 -0500 (EST)
Old-Return-Path: <moss@swift.cvs>
Date: Wed, 7 Dec 1994 13:51:30 -0500 (EST)
From: Larry Moss <moss@cvs.rochester.edu>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: holiday sculptures (Christmas tree)
Message-Id: <Pine.SOL.3.90.941207130325.18063A-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 2891
Resent-Message-Id: <"L_JQC.0.J07.vGWvk"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/15
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

I discovered I could do the dreydel I posted with only 3 balloons, but I
suppose I can save that until next year. I did get to use it once before
Hanukah ended. Jim Batten also managed to make a really nice menorah,
but that also was the end of Hanukah, and I can only guess that that's
why he didn't bother to write it up. (right, Jim?)

I went to get lunch a little while ago but was distracted by someone else
nearby folding origami ornaments. He commented that none of the plants
in the lab would make good Christmas trees, so I started playing. Turns
out a balloon Christmas tree is real easy to make.

This will probably make the most sense to those of you that make the
large 6-petal flower. The first step is 6 petals (or I suppose branches
is more correct for this) out of one balloon. Inflate the balloon almost
completely, but leave enough of a tail to tie the two ends of the balloon
together to form a loop.

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                 _____
               / _____ \
tied here -> (-/_____| )
               _____/
```
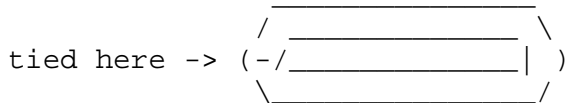
make a twist in the balloon at the point opposite the knot.

```
                 _____
               / _____ \
tied here -> (-|_____|-)  <- twisted here
               _____/
```
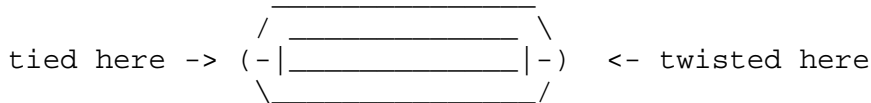
fold balloon in 3 sections and twist each of those sections.

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             V       V

          _____
         /_____\
         _____/
            ^         ^
            |         |

           ____    ____   ___
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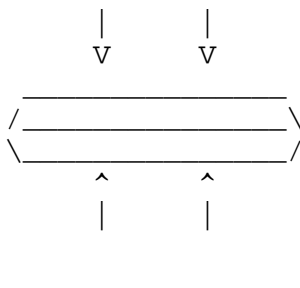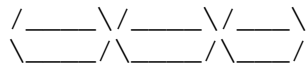
fold the 3 sections alongside each other. This one is tough with ascii
pics.
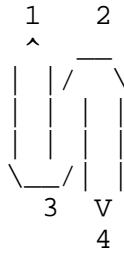
```
      1   2
      ^    __
    | |/   \   side view showing 3 sections in an S-shape.
    | | | | |
    | | | | |
    \__/ | |
      3   V
          4
```

Scrunch it down end for end so that all knots or twists (1 - 4 above)
meet. Twist them all together.

You should get somethign like:

```
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       O
    / |  | \
   /_/|_|\_\
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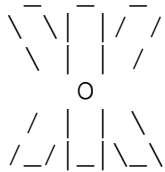
Each of the six bubbles coming off of that are actually loops. If you
were to make a flower with that you would just stick the end of a fully
inflated 260 into the center.

For the tree, I made 4 layers of increasing size. More, larger layers
can easily be added. I made two things like the above, one with a 260
and one with a 130. Level 3 was twisted the same way , but I used two
inflated 260s tied together at teh ends to form a larger loop. Level 4
was three balloons tied in individual loops and twisted into 2 sections
each, rather than 3. The balloons were then twisted together in the
middles. One balloon was then connected to the centers of each of those
sections to hold them together. I won't even try to draw that.

Have fun.
Larry

```
From balloon-request@cvs.rochester.edu  Sat Dec  2 06:57:48 1995
          id AA10967; Sat, 2 Dec 95 06:55:24 EST
Date: Sat, 02 Dec 1995 06:52:32 EST
From: JACK PORCELLO <porcell_j101@orion.crc.monroecc.edu>
To: balloon@cvs.rochester.edu
Message-Id: <0099A40B.37D17600.4@orion.crc.monroecc.edu>
Subject: Giveaway Christmas Trees
```

While having a cup of tea at the coffee shop at school, one
of my friends asked me if I could make anything Christmas out
of balloons. I took out my ever-present balloon bag, and gave
it a bit of thought. I had tried to make the trees in the last
issue of Balloon Magic, but didn't have it down quite yet, so I
took a green 260Q, and made a 1-1/2" buble in it, followed by two
ear-twisted 4" bubbles, a 1/2" bubble, two 6" ear twists, a 1/2"
bubble again, and two 8" ear twists. It popped! I then tried it
again, and it worked great! It is very quick, and with a little
arrangement actually looks like a two dimensional Christmas tree.

I was then asked for a Santa, and I pondered again. I took a red
apple balloon, and filled it up until only the stem was uninflated.
I then took a white 260 and made a 1/2" bubble, and wrapped the
section below the bubble around the end of the apple balloon just
about an inch below the stem. I held the white balloon at the spot
where it met the first bubble, and then removed the apple and made
a loop by twisting the white balloon where I had measured it to
fit around the apple. This was Santa's eyebrows. I then made a
2" bubble for his nose, and another loop for his mustache, a 1/2"
bubble, and another loop for his beard. I finished it off with a
1/2" bubble, and broke off the rest of the balloon. I then pushed
the stem end of the apple balloon into the single loop, and the
other end of the apple into the double loop. A few strokes with
the Sharpie, and viola! It was done.

Sorry about the lack of illustrations! I'm not real good at that
yet. If anyone can offer illustrations to go with this, I would
be greatful!

```
*************************************************************
"If vegetarians eat vegetables, what do humanitarians eat?"
*************************************************************
Jack "Twister" Porcello - Balloonologist
porcell_j101@orion.crc.monroecc.edu
twister@surfbbs.com
```

```
From balloondeco-request@cvs.rochester.edu  Thu Dec  7 00:50:31 1995
          id AA20686; Thu, 7 Dec 95 00:49:39 EST
Date: Thu, 7 Dec 1995 00:49:34 -0500
From: BALLOONAIR@aol.com
Message-Id: <951207004933_47019858@mail06.mail.aol.com>
To: balloondeco@cvs.rochester.edu
Subject: Danny Magowan 260 mini xmas tree
```

Some people have asked for details on how to make the 260Q xmas tree. The
short answer - PRACTICE! I'm pretty good with 260's, but not great, so I
have to work at it to make uniform sized bubbles, but that is the key.
 Inflate a 260Q about halfway. Start with a single small bubble. Then I do
what I call a pinch twist garland wrap. make a very small pinch twist
bubble, then make another one exactly the same size, twisting it the same
number of times, and line it up so that it's long edge is next to the long
edge of the previous pinch twist bubble. Now do two more in the same exact
way so that you have four pinch twisted bubbles. (You may pop a few balloons
until you get this right). Now work the four bubbles until you have a
"quad", just like in a spiral garland, but it's just four pinch twisted
bubbles. You should now have a single bubble nested on top of a quad of
pinch twist bubbles, and the rest of the balloon sticking out the other end.
 Now, using a slightly larger bubble, make four more pinch twist bubbles, and
work them until they are nested under the first four just like in a spiral
garland.
Let me tell you, this is no puppy dog. It took me a couple of hours to get
the first one right, and then, (to quote Marvin Hardy) "I woke up my wife in
the middle of the night to show her what I could do with a 260Q". It's
tricky to get the bubbles to lie straight and nest properly, and to judge how
big to make the bubbles. That's the best I can do online to explain it.
Good Luck, whoever asked for this!

```
            *
           oo
          ooo
         0000              Danny Magowan
        OOOO
```
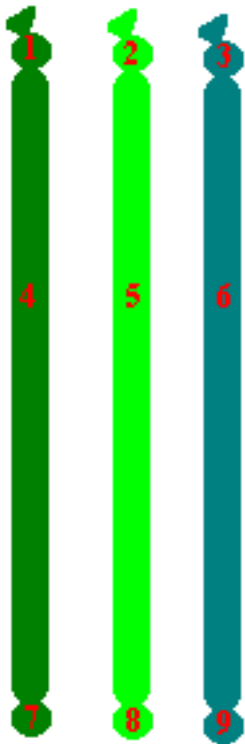
WREATH

Inflate balloons leaving 1/2" nipple end on each

The small bubbles should be very small

1. Twist together bubbles #1, #2 and #3.
2. Braid bubbles #4, #5 and #6.
3. Twist togehter bubbles #7, #8 and #9.
4. Twist together bubbles #1, #2, #3, #7, #8 and #9 to form an circle.
5. Hide nozzles within the six bubbles.

BOW

1. Inflate both balloons leaving a 1/2" nipple end.
WHITE BALLOON
2. Fold twist bubble #2.
3. Ear twist bubble #3.
4. Fold twist bubble #4.
RED BALLOON
5. Fold twist bubble #2 and twist together with bubble WHITE bubble #3.
6. Fold twist bubble #3 and twist it around WHITE bubble #3 also.

Arrange and attach to wreath with a scrap piece of balloon

Date: Wed, 16 Jul 1997 16:21:34 -0700
From: "Freda Whaley Firn TEC for Beulah Elem." <whaley_f@popmail.firn.edu>
Subject: Balloon Clown
To: balloon group <balloon@fooledya.com>

I just received a copy of "Flower & Garden " Crafts Edition! magazine
(it took the place of the "Work Basket". Inside is a great pattern for
a balloon clown. The base starts out with a 260 stuffed into another
260. The inside balloon is inflated slightly with water and then
knotted. Then you inflate the outside balloon and knot it. This makes
the base. The rest of the balloon clown is made up of round balloons as
the head and body with the other balloons used for decorations, neck
decoration, buttons, eyes, nose, and a 260 or a 160 for the mouth. I
think they used rubber cement or double sided tape to hold it all
together. I can't post the full directions here because I'm sure it's
copyrighted. I'm pretty sure this magazine is available on the open
market. It's the Aug. 1997 Issue. The picture alone speaks a thousands
words. I'm going to make it for my next party.
--
My home page: http://www.geocities.com/hollywood/hills/4316
Sometimes known as Ziggy the Traveling Balloon Lady
whaleyf@mail.firn.edu or whaley_f@popmail.firn.edu

```
To: balloon@fooledya.com
Subject: new hat for 260 clown
From: stevestrickland@juno.com (Stephen c Strickland)
Date: Sat, 12 Apr 1997 01:04:33 EDT
```

I have been making hats on my one-260-clowns like this for a long time.
I have never seen it in a book. I did --NOT-- like the way the books
showed making 2 ear twists for a hat - that looks like a cowboy hat to
me. The way I do it, it looks like a derby.

Twist a small, 1/2" bubble ("A"), then twist a dozen times or more.
 Twist a teeny-tiny balloon ("B") - just bigger than a pea - then twist a
dozen more times.

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                                                          )
    (          )               __                  (
                                                            )
#(                )~~~~(_B)~~~~~(
                                                 )======
    (___)                                   (
                                                    )

(_____          )

           ^                         ^
           A                         B
```

Next, push the tiny bubble inside the big rest of the 260 - like an apple
twist.
Ignore the first bubble ("A") for a second and Twist the 260 to catch the
tiny bubble ("B") inside.

```
                        ____     )     _____
      ___      (           )    (
                               )
    (         ) (               )(
                                       )
#(            )  )~~~~~((( B )
                          )======
    (___) (               )(
                             )
              (____)      (_____    )

        ^                         ^
        A                         B
```

It takes a bit of practice to get the first bubble the right size, and to
get the "brim" the right size by going in the right distance.

OK, turn YOUR head sideways now. Really - it's a kinda neat sculpture -
try it yourself to get a real look at it.

```
                  ____     )    _____      ___      _____
      ___      (         )    (                          ) (           ) (
                              )
    (         ) (             ) (       <*>    )              )(_____)(
                            )
#(     %  )  )               ((              O    )            ) ____   (
```

```
                              )======
       (____) (                   ) (        <*>     )            ) (              ) (
                                  )
                    (_____)            (_____)    ( ___)    (_____)

            ^              ^                     ^                              ^
^Attach arms here
          A         Brim         Head                        2 ear twists here for
collar

%  = Draw a small flower here.


I'd love to hear from any of you after you try it.  E-mail me direct if
you wish at stevestrickland@juno.com

steve strickland,  CBA
aka BINGO the Clown
B'LOONS BROS.  Augusta,  GA
```

From balloon-request@cvs.rochester.edu Sun Sep 3 03:18:28 1995
        id AA22190; Sun, 3 Sep 95 03:03:37 EDT
Date: Sun, 3 Sep 1995 00:03:22 -0700
Message-Id: <199509030703.AAA22882@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: Bird time

Hey everyone!!!!! Here's a couple of birdies for ya'all to try!!! Let me
know what you think!!!! Put 'em in the archives and have a ball!!! And bear
with my little personal message at the start.

>So what's your tip on Macaw and Cockatoo?? I'd love to expand my birdy
>recipes. So sad to see the 130's are out of print. I've someone sending me
>a couple just to see what I missed out on :
>
>How'd the fish go? It feels odd posting new models with the likes of Larry,

>Looking forward to hearing from you, Simon.

Simon,
I've been way too busy! Hopefully, I'll be able to get this finished and
sent out to you in a wink.

I tried your fish and with a few modifications to inflation and a little
extra bending, I made an Angel fish....even a 6 year old who saw it KNEW
WHAT IT WAS BY NAME!! THANKS SOOOOOOO MUCH!!!!

Lorna's Cocatoo

You'll need 2 260's. One should be lighter than the other so there is
contrast between the two.
inflated both balloons leaving about 2 1/2 to 3 inches of uninflated balloon.
tie the knotted ends together.
take the light colored balloon and make 2 3/4 inch bubbles and then
lock-twist them. Then make a 6-7 inch bubble and lock-twist it, making a loop.
Push the two small bubbles through the loop, this will help to anchor the
animal. (you've just made the crest and the eyes)
Next, take the dark balloon and make 2 2-inch bubbles and lock-twist them.
make a 2-inch bubble with the light balloon and roll it through the lock
twisted dark balloon.
Take the dark balloon and twist another 2-inch bubble and then lock-twist it
against the two dark 2-inch bubbles, by twisting it with the light balloon.
(this is the head and beak)
repeat the same process you used to make the head for making the body, but
make the bubbles about 5 inches long, instead. Now, takea look at what you
have left......in all likelihood, the light balloon will have more room than
the dark one. Make 2 2-inch twists and lock twist them and then roll them
through the body (again to anchor them).
Then, squeeze and curve the two remaining lengths, to evenly distribute the
air (these are the tail-feathers).
Last, line up the bird's body:
  Take the two 3/4 inch bubbles (the eyes) and place them above the light
part of the head (the beak).
  Take the crest of the bird and make it curve away from the eyes toward the
back of the head.
  Line up the light line running down the body with the beak and then line
up the feet with that line.

   Draw eyes on the eye bubbes and maybe slits for nose holes on the beak and
draw a scalloped design on the crest to show the feathers.

Viola!!! You've made a Cocatoo.

If you want to make a cocatiel, do the same thing with 130's, but scale it
down for a smaller bird.

TTFN.
--Lorna Paris (not Dan Curtis)

From balloon-request@fooledya.com Thu May 2 09:26:47 1996
Date: Thu, 2 May 1996 14:18:23 +0100 (BST)
Message-Id: <199605021318.OAA14782@power1.powernet.co.uk>
To: balloon@fooledya.com
From: info@debis.powernet.co.uk (Vaughan Lee)
Subject: Willy Kite

Hi all,

As part of my quest to work out reasonable representations of all Royal
Sorell's Loony? Golf Course characters (see picture on the Web site), I've
now finished the wolf / dog like creature who, due to his incredible
floating ability in a strong wind, I've called Willy Kite. As I work these
things out, I type out how to do it, and as it's typed I may as well post it.

Now, this is based on Royal's work - if you like it, heap tons of praise
upon him; if you don't, blame my intructions, interpretations and methods!
I'm not trying to pinch or take credit for his work, and wouldn't post how
to make these if I hadn't already asked his permission. So, having cleared
the ethics part, here it is:

Willy Kite

Requires 6 brown, 1 or 2 white and 1 black 260Qs.

Legs:
Each leg is made using a brown 260 inflated to within 3 inches of the end..

To make the foot, twist a 1 inch bubble for the heel, and then two 4.5 inch
bubbles locktwisted together. Once both are completed, lock the legs
together about 12 inches up from the feet and then curve about halfway
between the lock and the feet to give the legs shape.

Body:
Uses one brown, one white and the legs.

Inflate the brown 260 to within 2 inches of the end and lock in to where the
legs join. Then inflate the white 260 about 9 inches and twist the knot into
the same lock.

Take the five bubbles that aren't the legs (the 6 inch brown bubble and the
rest of the brown body balloon, the remainder of the two leg balloons and
the white balloon) and pull up into a five bubble cluster. Twist all five
together at the top of the 6 inch bubble to form the body, the white being
at the front in the centre. Break, tie and secure the top of the leg
balloons and the white balloon, the remaining length of brown balloon will
be used to form the neck
and the back of the head.

Arms:
Each arm is made from a brown 260 inflated to within 3 inches of the end.

Make the hands by twisting a 1 inch bubble for the thumb followed by a
series of four 1.5 inch bubbles locked together at the end for the fingers.
Lock the arms together 12 inches up from the hands, and then twist that lock
around the base of the neck.

Make a 1 inch pinch twist in the remainder of each arm balloon and position
one in front of and one behind the neck to give it support. Break off, tie

and secure the excess arm balloons. Bend the arms in the middle to give the shape of elbows.

Head:
Uses one white 260 inflated to within 4 inches of the end.

Twist a 3 inch eye and then two 6 inch bubbles locked together to form the muzzle. The cheeks are each made from a 5 inch bubble looped back on itself, and finally another 3 inch bubble is made for the other eye.

Twist the neck balloon about 4 inches up from the body and twist the muzzle / cheeks lock around it. Then twist a 3 inch bubble further along and lock the top of the eyes around it. Do not remove the excess yet.

Ears:
Inflate a brown 260 to within 2 inches of the end.

Twist two 14 inch bubbles and then break off the excess and tie. Lock the middle in to the twist at the top of the eyes. At this point the excess from the neck and head balloons can be removed and the balloons tied and secured.

Bend each ear in the middle to point it down.

Nose:
Inflate a 1 to 1.5 inch bubble in the black 260 and pinch twist. Remove the excess balloon about two inches along and tie the nose securely into place at the end of the muzzle.

Tail:
Inflate the remaining brown balloon fully. Bend (not twist) the balloon in half and then wrap the two sides round each other to form a spiral along the length, giving a candy cane appearance. Lock the ends together two inches from the end, release the air from the two inch bubbles and tie together. Use these two ends to lock the tail into place at the twist at the top of the legs, at the back.

Finish off by drawing on the eyes with a marker pen (use 'church windows' for the pupils with eyebrows sloping down towards the middle).

Alternative:
An alternative to making the body and head out of separate pieces of white balloon is to make the whole structure as one unit, which I *think* is what Royal actually does. Inflate the balloon to within 4 inches of its end and twist the knot in with the rest of the body. Instead of removing the excess after finishing the body, take the balloon up the back of the neck and then make the head. This makes the neck out of two balloons and gives it a bit more strength, as well as saving one break and tie manoeuvre!

Regards,
Vaughan Lee (still pretty chuffed)

P.S. How long is the hair on a rabbit? About 5 minutes.

```
From balloon-request@cvs.rochester.edu Sun Jul  9 19:25:35 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA25863
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 9 Jul 1995 19:25:35
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA21886; Sun, 9 Jul 95 19:25:56 EDT
Resent-Date: Sun, 9 Jul 1995 19:26:09 -0400
Old-Return-Path: <snafu@telerama.lm.com>
X-Sender: snafu@mail.lm.com
Message-Id: <v01510100ac26128e19c3@[204.171.32.115]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 9 Jul 1995 19:26:09 -0400
To: balloon@cvs.rochester.edu
From: snafu@telerama.lm.com (Snafu The Clown)
Subject: Crab
Resent-Message-Id: <"EdhNY3.0.sL5.3M60m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/414
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Last night I went to a joint Cancer/Leo birthday party. Most of us know
the standard lion/cat, but I've never seen a crab. Here's what I managed
to improvise:

```
     claw    eye      eye   claw              base (legs)
    ------   ---      ---  ------          ------------------
A(1)B(3)(2)B(1ET)(1)(1ET)C(2)(3)C(1)A(2)(2)A(2)(2)A(2)(2)A(.5)
```

The initial "A" connection is accomplished by tying the nozzle tightly
around the later "A" twist off. The legs should be arranged triangularly,
forming a flat base, with two sets in front and the third behind. The
remaining 1/2 inch bubble can be set behind the main body and above the
legs, to help hold the crabs body upright. Claws look best with two inch
bubbles on the inside. While the sculpture is recognizable by its
lonesome, black dots from a pen will the eyes more distinct.

Snafu The Clown (aka Eugen Buehler)   "Tell love you are going Junior's Deli on
Have nose, will travel   Flatbush Avenue in Brooklyn to pick up a
snafu@telerama.lm.com   cheesecake, and if love stays, it can
http://www.lm.com/~snafu   have half. It will stay." -T.R.
```

```
From balloon-request@cvs.rochester.edu  Wed Oct  4 15:01:51 1995
        id AA23905; Wed, 4 Oct 95 14:53:13 EDT
Date: Wed, 4 Oct 1995 12:50:17 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: crab and seahorse
Message-Id: <Pine.A32.3.91.951004123518.207425A-100000@freenet.edmonton.ab.ca>
```

Hi all! I just invented a new figure, and I'm also gonna post a seahorse
that I developed! The new one is a crab.

CRAB

requires:
4-red 260Q

Inflate three of the 260s, leaving approx. 4 inches tail.
do this to all of them:
```
>(5)(1)(3)(6)(3)(1)(5)
     ET          ET
```
break and tie off any excess.
Save the bits.

Inflate the last 260, leaving about 4 inches.
do this:
```
>(3)(1)(1)(2)(1)(2)(6)(2)(1)(2)(1)(1)(3)
 \_____/ ET    ET          ET     ET \_____/
```
Break off the excess.

Now, twist all four balloons together, at each end of the 6 inch bubbles.
This should form a four balloon bird body. Adjust the legs and claws to
make them look better(i.e. all legs touching the ground and the claws in
the air).
Now, take two of the broken bits, and inflate them to make a 1 inch
bubble at the end. These will form the antenna/eyes. Tie them one on
either side of the body, and angle them slightly forward.

There you are! one Crab!

Seahorse:

Inflate a 260, leaving 6 inches.
do:
```
>(1)(2)(1)(1)(3)(1)(1)(1)(1)(1)(1)(4)(4)
 ET    \_____/ | _____/\_/\_/
              \__roll thru_/
```

Twist the first ear twist in half to hold it and form "kissy lips".
Squeeze the remainder of the balloon, after the 4 inch loops, and curl it
forward, to make the curly tail, which goes in front.

There you are, two creations that you can use at a theme party.

```
+-----------------+---------------------------------------------------+
|    Noel Bundy    |      E-Mail:nbundy@freenet.edmonton.ab.ca         |
+-----------------+---------------------------------------------------+
```
"A penny saved is a congressional oversight."

From balloon-request@cvs.rochester.edu Wed Feb 21 23:28:36 1996
          id AA00452; Wed, 21 Feb 96 23:24:49 EST
Date: Wed, 21 Feb 1996 22:24:38 -0600
Message-Id: <199602220424.WAA33816@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: Ice Cream Centerpiece

>Hi All,
>I need some ideas for centerpieces for an ice cream social. I will be
>twisting during the event but they want me to come up with centerpieces
>too. Ice Cream Cones out of 321's aren't big enough. I found a photo
>of an Ice cream cone with ice cream scoops in it but it is 22 ft. high.
>(a bit big for a centerpeice!) Braided bowls with 5" rounds inside?

That sounds neat.

>What could I use for cherries?

With a red 260, make a very soft one inch long bubble.

       ___
     >*(___)========   The "*" is a knot

Then tie the nozzle of the 260 to the nozzle of the 5" round.

Push the knotted nozzles all the way into the 260, grabbing them when they
are inside the nipple, and make an apple twist. The 260 nipple can be
shortened as required, but put enough air in it to hold it's 1/4" diameter,
and tie it off - that way it will stand up and not flop over.

>Or maybe chocolate sauce?

Take a large uninflated round balloon (11 inch brown or bigger if possible)
and cut it across the middle of the round part with a pair of scissors. Do
this in a sort of smooth-zig-zag way, like syrup falls before it freezes in
place.

Discard the nozzle part.

Then cut a small hole in the top of the dome. Stick the knotted nozzle of
the 5" round thru this hole before adding the cherry.

If this looks bad in brown, use a red balloon and say that it is cherry sauce.

Mark

```
From balloon-request@cvs.rochester.edu   Mon Feb 19 11:39:38 1996
         id AA17939; Mon, 19 Feb 96 11:35:03 EST
Date: Mon, 19 Feb 1996 11:34:50 -0500 (EST)
From: S5000223@NICKEL.LAURENTIAN.CA
Subject: balloon surgery
To: balloon@cvs.rochester.edu
Message-Id: <01I1E9NVLIKY96Y175@NICKEL.LAURENTIAN.CA>
X-Vms-To: @sys$login:mail_list.$tmp$
Content-Transfer-Encoding: 7BIT
```

You've got angioplasy (technique for scraping plaque from vessels)
strings of AA (amino acids) and you've also got yourself a double helix
of DNA, twist a few pinch twists in there and they can represent your
nucleotides. WOW!! great visual aides. Perhaps I should taken
advanatage of this fine art and put it to work.... I'm still in school
and love visual aids when studying. Imagine a skelton with all the
systems color coded. Learning visually and in a fun way is much easier
I think. Ofcourse that skelton would be a lot of work.... I'll make the
heart (3 colors to pick from red, white, pink).

Thanks for the ideas folks, lets keep the discussion going.

John
email: s5000223@nickel.laurentian.ca

```
Date: 30 May 1996 21:28:00 +0200
From: Balloon@omicron.central.de (Marco Koch)
To: balloon@folledya.com
Subject: Easy, 3 twist figure ...
```

Hi !

After a long time of silence I'm back. While playing with balloons I came
up with this very easy and fast 3 twist method for the easy dog,
rabbit,... Maybe it's useful if you have a long line in front of you and
you have to hurry up. I know that the resulting figures don't look as good
as they would if they were made with the standard 12 (!) twist method but
in some cases this doesn't matter imho. OK, here it goes (this is the
first time I'm describing a balloon figure ...)

3 twist method for the easy rabbit:

Inflate the balloon leaving about 3-4 cm uninflated.

Lay the "nozzle side" besides the remaining part as long as one ear and
the head should be (about 25 cm):


```
                 _____
nozzle-> +(_____    )
   _____) )
--(_____)
^                 ^
tail             |
          pinch and twist here to make the head and the ears
```

You should get something like this:

```
         ____
         |   |
         |   | |
         |   | |
         |   |_|__
         |_|_____)+
          /\
          | |
          | |
```

Now make the neck and the shorter fontlegs with the same method.

After this you can seperate the body, the legs (longer) and the tail.

Wedge the shorter legs between the longer ones and that's it!
This kind of easy rabbit looks a bit round everywhere but for just 3
twists it's OK imho ... I hope this is new to some of you and makes
sense...

--

Bye,
    Marco.
(e-mail: Marco@omicron.central.de)

From balloon-request@cvs.rochester.edu Fri Dec 1 00:26:31 1995
        id AA27118; Fri, 1 Dec 95 00:24:19 EST
Date: Thu, 30 Nov 1995 21:24:10 -0800 (PST)
Message-Id: <199512010524.VAA01523@news.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan or Lorna)
Subject: Dolphin, killer whale and a shark

OK, here's a dolphin that I was shown a while ago....I'll put modifications
you can make at the end to convert it to a kiler whae of a shark. I'm going
to do this all from memory, so if I get the inflation a little wrong, of
something else is unclear, ask.

*****DOLPHIN*****

2 lt blue 260's [#'s (i) and (ii)}]
1 white 260 [# (iii)]

Inflate all balloons a little over halfway.

Tie the knots of (ii) and (iii) together.

Make about a 2" bubble in (i) [this is the nose] and twist the nose of the
dolphin around where the knots from (ii) and (iii) are joined.

Now, hold the remainder of all three balloons together. Twist all three
balloons, 2 1\2 to 3" from the nose [part of the body].

Using (i): Make a 2 1\2" bubble followed by a 1" bubble. Lock-twist them.
[this is the dorsal fin.]

Using (ii): Make a 1 1\2" bubble followed by a pinch-n-pop series, followed
by another 1 1\2" bubble. [These are the front flippers.] Lock-twist the
flippers together.

Next, twist all three of the balloons again making another 2 1\2 to 3"
section. [The rest of the body.]

It is sometimes prudent to give the two bosy sections a few extra twists on
either side of the dorsal and flippers.

Take, (iii) and make a LARGE ear-twist.

Choose whichever balloon [(i) or (ii)] looks like the best chice to do
this last section.

Make a 2" bubble followed by an eartwist, then a 1" bubble, another
eartwist, then another 2" bubble. Lock-twist them all right next to the
large ear twist.

Now, you have three sections of balloon left over. Pop-off and tie off all
three sections. I usually wrap them back and forth around the large ear
twist, and then tie them into a square knot, before tucking them into the
body.

Arrange the dolphin's parte so that it's more or less dolphin shaped. Blues
on top, white on the bottom. Front flippers to each side of the white
underbelly.
Remember, a dolphin's flukes move UP and DOWN, NOT SIDE TO SIDE.
I usually draw on dots for eyes, and a couple of simple lines on the noses
for the mouth.

KILLER WHALE alterations*

Use black balloons instead of lt blue.

Make the nose of the whale a 1" bubble.

Do the rest the same. (I don't add eyes.)

Yes, a killer whale is actually a kind of dolphin...make his tail go up and down.

****SHARK Alterations****

Use Sapphire balloons instead of lt blue, and use a lt blue instead of a white.

Instead of the nose make two 3" elephant ear twists for his jaws.

Make his tail go SIDE to SIDE, not up and down.

I add eyes, gills and draw teeth and sometimes a tiny fish in his jaws.

OK, I hope Ya'all enjoy these.   Anyone else got another version?????

```
---Lorna
        o
       o o
      o    o
      \_O_/
        L
       / \
     _/    \_
```

```
From balloon-request@cvs.rochester.edu  Sat Dec  2 16:13:11 1995
        id AA13149; Sat, 2 Dec 95 16:11:32 EST
Message-Id: <9512022109.AA06359@gemini>
Date: Sat, 02 Dec 1995 13:11:41 -0800
To: balloon@cvs.rochester.edu
From: danlorna@gemini.adnc.com (Dan Curtis or Lorna Paris)
Subject: Dolphin stuff
```

   Hi!

Well, You need the ear twist on the bottom, because you want to make sure
that the tail is pointed up...this should insinuate an up and down motion.

OH, yeah, re: the shark....
I"m too tired to remember, but did I say to make two of those posterior ear
twists, so that his tail would be kept vertical?

And, for those of you who haven't noticed, I now have a new email address as
of Yesterday.   So, if this is something you think you need to know, make
note of it, we changed internet providers.

---Lorna

```
From moss@swift.cvs.rochester.edu Mon Aug 29 11:50:26 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA07419
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 29 Aug 1994 11:50:26
-0400
Received: from cheetah.cvs.rochester.edu. by cvs.rochester.edu (4.1/MAIN-MX-1.4.3)
        id AA04464; Mon, 29 Aug 94 11:45:47 EDT
Received: by cheetah.cvs.rochester.edu. (5.0/SMI-SVR4)
        id AA27270; Mon, 29 Aug 1994 11:45:47 +0500
Date: Mon, 29 Aug 1994 11:45:46 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
Subject: Daffy Duck
To: Balloon Sculpting Mailing List <balloon@ent.rochester.edu>
Message-Id: <Pine.3.89.9408291159.A27266-0100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 3643
```

I've been meaning to get back into mailing out instructions for new
sculptures. I've been real bad about that for a while. Here's one that
I just learned this weekend at the Flower City Clown Festival. (Met
Frosty Little. Learned how to get hit in teh face. It was lots of fun.)
This isn't my creation and I dont' know whose it is. If you happen to
know, please tell me. It's a big sculpture that's real quick to make, I
believe it will be real easy to describe too.

Daffy Duck -

needed: 5 260s; 2 black, 2 orange, 1 white.

Fill one black balloon completely, but soft enough for a few twists.
Make a 1 inch bubble at the end followed by a 3-bubble body (bird's body)
about 4 or 5 inches long. Do the same thing at the other end. One end
is the head, the other is the body. You may want to make the body a
little larger than the head (not really important though).

```
        _____           ____
      /_____\  _____  /___\
  ()(_____)(_____)(_____)()
      \_____/           \___/
```

The eyes are next. Fill the white balloon with an 8 inch bubble. Twist
it in the middle and tie the nozzle to the tail at the end of the
bubble. Cut off the excess balloon.

```
          _____
   Tie  -(_____\
   here -(_____/
```

Hmm, this is the aprt that's goign to be tough to describe. Roll the
eyes onto the 3 bubble head so that the twist gets locked around the end
bubble and the knot gets locked around teh base of the head where ti
meets the neck. The two eye bubbles should fit exactly in front of two
of the black bubbles in the head.

        different view of the two balloons so far:

        black (third bubble is hidden):   white:

        ( )
        /|\   /|\
        | | | | | |
        | | | | | |
```
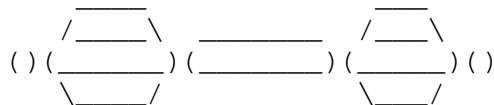
```
       \|/                                          \|/
        | |
        | |
        | |
```

     You shoudl see from thsi where the white balloon should fit. Just
          figure out how to attach it.

The beak uses an orange balloon. Fill it completely and tie teh two ends
together. Holding it as below, twist off one third of the loop.

```
        _____
       / _____     <- tied at this end
       _____/
```

```
                    ^
                    |
                  twist here
```

```
        _____  _____
       / _____\/_____ B
       _____/_____/
                         |
                         A
```
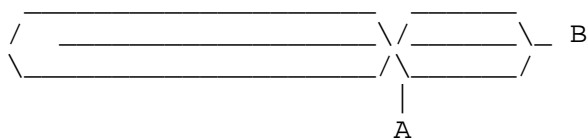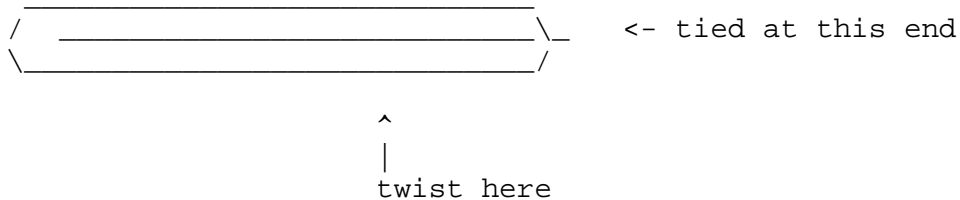
Push twists A and B together and twist them together to get something
sort of like this:

```
                     __
                    /  |
                    | /
     =============== -   <- C
                    | \
                     \_|
```
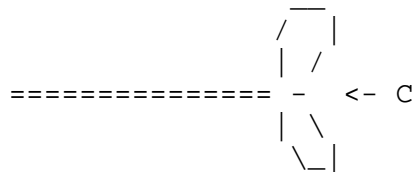
     (use your imagination. I dont' have time to figure out how to make
          all teh bubbles look real.)

Attach beak to body where teh lower part of the eyes are. The curl the
beak upwards.

Arms and legs are made teh same way. Fill the remaining balloosn
completely. The hands and feet each consist of 3 bubbles. Make three
bubbles and lock twist the second two.

Attach the arms (black) where teh neck and body meet. Attach teh legs
between body and tail.

If you want, tie the remaining piece of white balloon that you cut off
when you made the eyes and tie it around the neck. AFter all he is a
mallard. (But does he have the white ring around his neck in the cartoon?)

You can also put pupils on his eyes with a sharpie if you want.

One of these days I'm goign to learn that these things that I think will
be short, never are.

```
From balloon-request@cvs.rochester.edu  Tue Feb 27 13:33:03 1996
        id AA13267; Tue, 27 Feb 96 13:27:48 EST
Date: Tue, 27 Feb 1996 18:33:16 GMT
Message-Id: <199602271833.SAA29602@server.netcore.ca>
To: balloon@cvs.rochester.edu
From: ajohnson@netcore.ca (Alan Johnson)
Subject: Tucan
```

Me again! I tried Cap'n Denny's tucan and found that if you make the eyes
bigger (more buggier looking) and the 5" bubble that goes around them a
little smaller this creature can be transformed into a sitting Pteridactyl,
much like "Terry" the puppet pteridactyl from Pee Wee's play house. Just a
thought.

Carol aka "CLaroL" from Windsor, ON

```
From balloon-request@cvs.rochester.edu Mon Jun 26 12:58:26 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA14742
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 26 Jun 1995 12:58:26
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA07009; Mon, 26 Jun 95 12:57:54 EDT
Resent-Date: Mon, 26 Jun 1995 12:57:44 -0400 (EDT)
Old-Return-Path: <moss@swift.cvs>
Date: Mon, 26 Jun 1995 12:57:44 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: balloon@cvs.rochester.edu
Subject: Re: Hat envy
In-Reply-To: <v01510100ac125a496145@[131.217.49.152]>
Message-Id: <Pine.SOL.3.90.950626124119.5764E-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Resent-Message-Id: <"9a24g1.0.Tj1.HSkxl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/373
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

On Sun, 25 Jun 1995, Simon James wrote:
> So can anyone answer the big question, "What are kids wearing on their
> heads this summer?". I've got the basic hat concept -- stick a loop on
> anything good and plonk it on a head :) but specifically;

Actually, it sounds to me like you've already got the whole thing figured
out. The best part of making hats is that you can do anything you want
with them. here are a few suggestions.

Lots of kids want animals, and also want to wear them. You can do what
you said and make a loop to attach anything you've already made. If
you're concerned with using lots of balloons, you can make a simple
headband, and with the remaining portion of balloon, twist something like
a bear or cat head. Those are always very popular, they use one
balloon, and you can make them quickly.

One of my favorites is a stegasaurus hat. Make the loop like you would
for a normal headband. The short bubble at the nozzle end of the balloon
will be one leg. Thelong bubble reamining at the tail end will be the
neck/head of the dinosaur. Take a second balloon, make a bubble the
length of the first leg, and attach the second leg to the first. Make
3 large ear twists at various places along the second balloon. These are
the scales of the steg. Attach the second balloon to the rear of the hat
(opposite the head). I attach the balloon so there's enough of a bubble
left to form two rear legs and a tail. I hope that gives you enough to
work with. If not, let me know, I have drawings I can post later.

Another favorite is an umbrella hat. It uses a few more balloons. Hmm,
I'm not gonna describe it now. I first saw T make it at a lecture.
Maybe he'll be willing to describe it.

> 2) "...wearing a silly balloon hat...", they're all fairly bulky, what
> looks good on a balloon man? I normally wear my jester hat, fairly low key
> but functional as an attention getter.

Is this a balloon jester hat. I often make a balloon jester hat when I'm
twisting in the park. To see a picture of me wearing it, look at my web
page:

http://www.cvs.rochester.edu/people/l_moss/balloon.pics/README.html

It's a very simple hat.

Larry

```
From chrisp@akv.marc.cri.nz Sun Nov  7 22:00:04 1993
Received: from akv.marc.cri.nz by mother.ent.rochester.edu with SMTP id AA04503
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 7 Nov 1993 22:00:04
-0500
Received: by akv.marc.cri.nz (MX V3.1C) id 3975; Mon, 08 Nov 1993 15:53:39 -1200
Date: Mon, 08 Nov 1993 15:53:37 -1200
From: "Chris Pugmire, Hort Research" <chrisp@akv.marc.cri.nz>
To: balloon@mother.ent.rochester.edu
Message-Id: <009753D7.E2F09240.3975@akv.marc.cri.nz>
Subject: space man.
```

Larry (and others),

```
>>        I can do (sometimes)
>>                Spaceman
>>                T-Rex
>>                Woman with baby in arms.
```

>You've got me interested in these. Would you care to explain any of
>them. I have a hunch your spaceman is similar to my cowboy, but I could
>be pretty far off.

Spaceman:
```
        Clear baloon,
                Small bubble,
                Tie end around buble then draw face on.
                Holding the twist end push into baloon and twist.
                Without letting go (try and extract thumb without BANG)
                Now just make a body,e.g.
                   arm, hand, hand, arm, twist around neck (now you can let go)
                   body, (push between arms)
                   leg foot foot leg, twist
                   Let down any extra balloon left over.
T-rex: (green balloon)
        Jaw, Jaw, twist (each jaw 3 inches roughly)
        (eyes) Two one inch bubbles, twisted together, then teddy twisted.
        Neck, 1 inch
        arm hand hand arm (make arms relatively short)
        Small bubble teddy twist. (this holds the neck at the right angle)
        Two large legs, and long tail, bent up a bit.
Woman with baby:
        (baby first)
                small head,
                (arms) two small bubbles, twist toghether, then teddy twist
                (body) small bubble)
                (feet) (same as arms)
        (Then woman)
                Two legs.
                Body
                Two arms (fold back and push baby thru arms)
                Small head.
                (get rid of extra  balloon somehow if mis judged)
        (draw on faces to make clearer.)
```

> Well, I'm partial to Snoopy on a motorcycle. That was posted to the list
> not too long ago and should be in the archive. If you can't get it, mail
> me and I'll send it to you.
```
        Thanks, I'll fetch it and have a go.

                                Chris.
```

p.s. I suppose I should attribute the designs but I'm not sure where they
came from originally, taught to me by a local clown/juggler stage name "Hi-Ho"

From balloon-request@cvs.rochester.edu Mon Jul 31 14:09:15 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA18841
    (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 31 Jul 1995 14:09:15
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA10368; Mon, 31 Jul 95 14:09:43 EDT
Resent-Date: Mon, 31 Jul 1995 12:02:37 -0600 (MDT)
Old-Return-Path: <nbundy@freenet.edmonton.ab.ca>
Date: Mon, 31 Jul 1995 12:02:37 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: balloon@cvs.rochester.edu
Cc: balloon-d@cvs.rochester.edu
Subject: Re: balloon-d Digest V95 #57
In-Reply-To: <9507292039.AA14741@cvs.rochester.edu>
Message-Id: <Pine.A32.3.91.950731113921.45383A-100000@freenet.edmonton.ab.ca>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Resent-Message-Id: <"UEPd6.0.sX2.bnH7m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/460
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu

Simon James wrote:
>>The first is a dragon, the second is a mermaid.
>>For the dragon, you simply make a 2 balloon T-rex
>[snip]
>>The mermaid is just a Doll, with a bit more air

>Hi Noel,

>I feel a bit ignorant not knowing these things but what's a 2 balloon
>T-rex? I know a 1 balloon T-rex from the list (Chris Pugmire from memory)
>how does that compare? I *do* know how to make a Doll <looks smug> but I'm
>guessing that a few people don't. What I'm asking is could you post the
>instructions to get to the start points for your new models.
[Ka-snip!]

OOPS! Sorry, simon! I just didn't realize that some people may not know
what I was talking about, so here goes:

2- balloon t-rex:
start with a 260, inflated, leaving 5 inches tail.
Make a 3-inch loop, tying the nozzle around the balloon.
make 2 1-inch bubbles, and lock twist them together.
Make a 5- inch bubble for the neck.
make a 3-inch bubble, 2 1 inch bubbles and another 3-inch bubble.
Lock twist the 3-inch bubbles together at the base of the neck.
Make 2 4-inch bubbles. Lock twist.
Take the remainder of the balloon, and make a 1-inch bubble at the very end.
Lock this bubble between the 2 4-inch bubbles.
This makes the head,front legs,and back of the T-rex.

Take another 260, with a 4-inch tail.
Tie the nozzle of the balloon around the last 1-inch bubble of balloon 1.
Make a 6-inch bubble,ear twist a 1-inch bubble,and make a 3-inch bubble.
make 2 1-inch bubbles.
make a 3-inch bubble, ear twist a 1-inch bubble, and make a 6-inch bubble.
Lock twist the 6-inch bubbles with the 1-inch bubble at the back of
balloon 1.

```
The remainder of balloon 2 becomes the tail. You can snaggle this by
bending the balloon and squeezing the bend.

For the Doll:

Take a 260, leaving 8 inches tail.

make a 1/2 inch bubble, and a 3-inch loop twist. Roll the 1/2 inch bubble
halfway through the 3-inch loop. This is the head.
Make a 1 inch bubble for the neck, then make _9_ more 1 inch bubbles, ear
twisting every second one. Lock twist the last and first bubbles at the
base of the neck. This forms the arms. Twist the middle 2 ear twists 4-5
more times, and pop the 1-inch bubble between them.
Make a 3-inch bubble for the body.
make 1 5-inch, 3 1-inch, eartwisting the first and last 1-inch
bubbles,and popping the middle 1-inch bubble. Make 1 5-inch. lock twist the
5-inch balloons together. There should be only about 1/2- 1 inch of
balloon left for the butt.

I don't know of any copyrights on these creations, as I was taught them
by friends.

If anyone has improvements or comments on these... feel free to E-mail me!
+-----------------+----------------------------------------------+
|   Noel Bundy    |     E-Mail:nbundy@freenet.edmonton.ab.ca     |
+-----------------+----------------------------------------------+
"An elephant is a mouse built to government specifications"
```

```
From balloon-request@cvs.rochester.edu  Tue Oct  3 22:56:49 1995
         id AA12999; Tue, 3 Oct 95 22:42:57 EDT
Date: Tue, 3 Oct 1995 20:40:25 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: 350Q T-Rex!
Message-Id: <Pine.A32.3.91.951003203933.252887A-100000@freenet.edmonton.ab.ca>
```

Howdy, all! I just got a bag of 350's from Qualatex, and I have been
playing with them, so here is a 350 T-Rex that I worked out! It stands
about 3.5 feet tall.

Required
3- green 350
1- green 260

Inflate the first 350. leave about 3 inches tail.
```
>(7)(2)(2)...
 \_/\____/
```
squeeze the 350 to distribute the air.

Inflate the second 350. leave about 3 inches tail.
make a 1.5 inch bubble, and lock twist it with the first balloon, 1.5
inches from the end of the first balloon. make 2 10 inch bubbles, and
lock twist them.
Make a bird body by pushing the first balloon through the gap of the second.

Inflate the third 350, leaving 3 inches tail.
make a 2 inch bubble, followed by an ear twist. This make the first foot.
Squeeze the balloon to distribute the air, and make and ear twist, so
that you have a 2 inch bubble at the end. This is the second foot.
Twist the balloon in half, and twist it to the fist two balloons at the
base of the tail.

Inflate the 260, leaving 6 inches of tail.
Make three 1 inch ear twists,and arrange them like claws.
Make two 9 inch bubbles, followed by three more ear twists. Again, these
are claws.
Lock twist these arms at the base of the neck.
make an ear twist in the 350 at the base of the neck.

Voila! you now have a very large T-Rex!

```
+-----------------+------------------------------------------------+
|    Noel Bundy    |      E-Mail:nbundy@freenet.edmonton.ab.ca      |
+-----------------+------------------------------------------------+
```
"An elephant is a mouse built to government specifications"

```
From balloon-request@cvs.rochester.edu   Tue Oct   3 19:10:33 1995
          id AA10920; Tue, 3 Oct 95 18:55:38 EDT
Date: Tue, 3 Oct 1995 16:53:07 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: re:350Q T-Rex!
Message-Id: <Pine.A32.3.91.951003165057.265786A-100000@freenet.edmonton.ab.ca>
```

In my previous post, I made a minor mistake. When you finish the last ear
twist on the 260, break off the rest of the balloon. sorry about that!

```
+-----------------+-----------------------------------------------+
|   Noel Bundy    |      E-Mail:nbundy@freenet.edmonton.ab.ca     |
+-----------------+-----------------------------------------------+
```
"To err is human; to really screw up requires a computer!"

```
From balloon-request@cvs.rochester.edu Tue Jan 17 19:41:40 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA10941
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 17 Jan 1995 19:41:40
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA14116; Tue, 17 Jan 95 19:32:41 EST
Resent-Date: Tue, 17 Jan 95 22:19:52 GMT
Old-Return-Path: <Ian@osmosys.demon.co.uk>
Date: Tue, 17 Jan 95 22:19:52 GMT
Message-Id: <37@osmosys.demon.co.uk>
From: Ian Osborne <Ian@osmosys.demon.co.uk>
Organization: None
Reply-To: Ian@osmosys.demon.co.uk
To: balloon@cvs.rochester.edu
Subject: Tricerotops
X-Mailer: Newswin Alpha 0.6
Lines:   36
Resent-Message-Id: <"cCD4T2.0.SS3.e667l"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/32
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

This is my first attempt at a balloon description so I'll apologise
now.

TRICEROTOPS

This is a 2 balloon model.

1st balloon - inflate leaving 3" tail Give a good burp. Start with
a 2.5" bubble (one of the back horns) 6" loop twist (that big
flappy bit of skin around the neck) 8" (lower body) 2x2" (rear
legs) 10-12" (back bone of body) this is looped back to where
the 6" loop twist is anchored. This should leave a second rear horn
about 2.5" long. The back takes up a little if you misjudge. It
takes a little practice but it's worth the effort.

2nd balloon - Inflate as 1st but give a larger burp, the head gets
pretty tight.
   2.5" (front horn) 2" ear twist (front of head/lips) 2" bird
body but make the 3 bubble that's pushed through smaller than the
others (main head, the small bubble goes on top) 1" ear twist (this
ear twist sort of holds up the head and rear horns) Now comes the
dificult bit to explain. Lock the 2 balloons together at the last
twist of balloon 2 and the base of the 6" loop twist on balloon 1 so
that balloon 2 pushes the horns of
balloon 1 up into position. The remainder of balloon 2 follows the
line of the underside doubleing up. 2" from the locking point form 2x2"
(legs) and twist into balloon 1. The remainder of the balloon runs to
the back legs and then on for a tail.

   Let me know what you think, it takes practice to get the proprotions
correct but it is instantly recognisable when you do.

   I'll get a photo of one scanned and mail it to Larry.

      Oz.

ian@osmosys.demon.co.uk

```
From balloon-request@cvs.rochester.edu   Mon Apr 29 16:04:01 1996
         id AA17727; Mon, 29 Apr 96 15:49:20 EDT
Message-Id: <199604291949.UAA24447@lead.compulink.co.uk>
Comments: Authenticated sender is <bungalini@mail.compulink.co.uk>
From: "Alan G Simkins" <ags@bungalini.compulink.co.uk>
Organization: PAssed Imperfect
To: balloon@cvs.rochester.edu
Date: Mon, 29 Apr 1996 20:48:28 +0000
Subject: Dragons, dragons, dragons
Reply-To: ags@bungalini.compulink.co.uk
Priority: normal
```

Hi folks,

I was messing around in the pub the other night, trying to come up
with a decent 1 or 2 balloon dragon. I ended up with 3 or 4 different
designs, and conducted a quick straw poll amongst those customers who
were curious enough to come over and see what the loony was doing :-)

The unanimous verdict was for the 'cutesy' model, so I'm including
instructions below. I don't recall seeing this in a book anywhere, I
was making it up as I went along, but who knows when the unconcious
is playing tricks. If this is a 'known' model, please let me know so
I can give credit where it's due:

2 Balloon 'Cutesy' Dragon
==================

Requires 2 x Green, Red or Orange 260s.

Inflate one balloon, leaving around 4 inches uninflated.
make a small (half-inch) apple twist, then twist in half to make the
lips. Twist a 2" bubble for the head, followed by two half inch
bubbles for ears. If possible, loop twist these for the' horsie'
look. Otherwise just leave them as single bubbles.

A 3" bubble makes the neck, followed by two 1" forelegs. Now put a
3/4" ear twist for the base of the wings. Follow this with a 4-5"
body and two 2" bubbles for the back legs, which should leave 4-5 "
for the tail. redistribute the air in this final bubble to make a
reasonable tapering tail.

Take the second balloon and inflate it almost all the way. Tie the
end to the knot and make a figure of 8 for a pair of wings. Twist the
centre of the wings around the base of the neck (around and under the
ear twist) to fix the wings to the body.

Make the dragon sit up, on the rear legs (similar to the basic rabbit
 position), with the tail trailing as a counterbalance.

One cute dragon.

Let me know what you think. I'd appreciate any thoughts on how to
improve this basic model, while still keeping to just two balloons.

Alan S>
http://www.compulink.co.uk/~bungalini/

```
From balloon-request@cvs.rochester.edu  Mon Apr 29 17:24:38 1996
        id AA19057; Mon, 29 Apr 96 17:17:09 EDT
Date: Mon, 29 Apr 1996 15:14:20 -0600
From: Robert.Herndon@central.sun.com (Robert Herndon)
Message-Id: <199604292114.PAA02197@marble.Central.Sun.COM>
To: balloon@cvs.rochester.edu
Subject: dragon
```

I do a two balloon dragon... Most of the dragon is similar to ags's, but
the body is something like a bird body. I use a five inch bubble from
neck to tush, a five inch bubble back to the neck, and then four 1+1/4
inch bubbles down the middle of the back (push them through, between the
two five-inch bubbles to secure them). (Something like the horse's mane
in various balloon books.) Then I take the butterfly-like four-loop
wingset, and wedge it in underneath central joint in the middle of the
back, and twist two of the wings around to lock the wings in place.

Getting the wings on right is the most awkward thing I do when twisting
(IMO ;-). If anyone has any suggestions for more easily getting it on
and locked securely, I'd love to hear it.

Robert

```
From balloon-request@cvs.rochester.edu  Mon Apr 29 17:46:11 1996
        id AA19479; Mon, 29 Apr 96 17:36:44 EDT
Date: Mon, 29 Apr 1996 14:38:03 -0700
Message-Id: <199604292138.OAA24902@bing.ncw.net>
To: balloon@cvs.rochester.edu
From: CHA CHA The Balloon Artist <chacha@televar.com>
Subject: Re: Dragons, dragons, dragons
```

At 08:48 PM 4/29/96 +0000, you wrote:
>Hi folks,
>
>I was messing around in the pub the other night, trying to come up
>with a decent 1 or 2 balloon dragon. I ended up with 3 or 4 different
>designs, and conducted a quick straw poll amongst those customers who
>were curious enough to come over and see what the loony was doing :-)

etc, etc

This is exactly like my dragon except that I use a 5 bubble pinch & pop
series for the arms and a 3 bubble head (like Marvin's kangaroo). I also
learned from Alan Sands to tie a small piece of uninflated red 260 to the
nozzel before making the apple twist for the mouth. Then you get a fire
breathing dragon!

        CHA CHA

```
From balloon-request@cvs.rochester.edu  Mon Apr 29 22:57:06 1996
          id AA21812; Mon, 29 Apr 96 21:50:40 EDT
Date: Mon, 29 Apr 1996 19:49:55 -0600 (MDT)
From: Sir Twist <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Large Dragon
Message-Id: <Pine.A32.3.91.960429191655.83802A-100000@freenet.edmonton.ab.ca>
```

Well, here's my large dragon instructions:

```
Sir Twist's Large Dragon
========================
You will need:
4 Green 260Qs
1 Yellow 260Q
1 Red 260Q(optional)
1 Orange 260Q(optional)
```

1. Inflate 2 green 260s, leaving 4 inches uninflated on each.
Both balloons are identical,and should be twisted together where marked
by a *.

```
Twist as follows:
>(.5)(4)*(5)*(1)(3)(1)(3)(1)(3)(1)(3)...
  ET          ET    ET    ET          Break off remainder.
 WING     BODY   |-------LEG---------|
```

2. Inflate a third green 260, leaving about 6 inches uninflated.

```
Twist as follows:
>(2.5)(2.5)(2.5)(.5)(.5)(2)(2)(3)(3)(1)(.5)(1)(3)...
      \--------/ ET  ET \----/    \  ET P  ET   /
 Lower    Upper        Eyes  Neck  \--Arms----/ Break off remainder.
  Jaw      Jaw
```

The head should look something like this:

```
     ___
   ___|_|  <- Eyes
  (___)()\
    / /\ \
   /_/  \ \
```
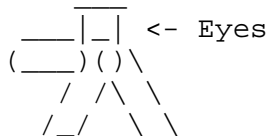
Twist the locktwist at the base of the arms into the locktwist at the
base of the wings.

3.Inflate the last green balloon, leaving about 5 inches.

Tie the knot to the base of the dragon's eyes, just under the paired
eartwists.

```
Twist as follows:

>(1)(1)(1)*(1)(1)(1)(1)(1)*(12)...
         |                 |    Break off remainder.
      Twist between wings  |
                  Twist to base of legs.
```
This forms the spines down its back and the tail.

4. Inflate the yellow balloon, leaving 1 inch uninflated.

Twist the balloon in half, and continue to twist it to form a "string" of
about half an inch in the middle of the balloon. Twist this string into
the base of the wings, so that the balloon is on either side of the
spine. Tie the ends of this balloon to the .5 inch bubbles at the ends of
the wings.

Crimp the balloon to form wings.

This is the dragon. For the fire, inflate the red and orange balloons,
tie their knots together, and spiral them around each other for about 10
inches, then locktwist them together. Leave about 2 inches after the
locktwist, and break off and tie. Tie the nozzle ends of the balloons
into the open mouth of the dragon, arranging them to go straight out of
the mouth.

Optionally, you can make a knight in armor, and make the "fire" go
around him. TOASTY!

If there ar any questions, feel free to ask!

Sir Twist
E-mail: Nbundy@freenet.edmonton.ab.ca

```
From balloon-request@fooledya.com  Tue Apr 30 21:39:24 1996
Message-Id: <v01510101adac6adf6076@[199.232.114.246]>
Date: Tue, 30 Apr 1996 21:27:11 -0400
To: ags@bungalini.compulink.co.uk
From: psorell@star.net (Patricia Sorell)
Subject: Re: Dragons, dragons, dragons
Cc: balloon@cvs.rochester.edu
```

I've been doing this dragon for many years and came upon it on a dare. It
won me 1st place multiple balloon creation at eh NE Clown Convention Albany
NY (1993?):

inflate balloon to about 4 inches from the end
twist two bubbles each 2 - 3 inches, fold over at first twist and lock the
knot of balloon in at second twist. This creates the Jaw structure of
"dinosaur".
make and ear twist for his tiny brain
4 inch neck and lock twist simple legs
>>this is where I would usually make and ear twist to keep the dinosaur
>>standing straight but I omit it for the dragon so the wings would go
>>here<<
4 - 5 inch body, simple legs and the rest is tail

The wings consist of a fully inflated balloon tied in a figure 8 and placed
at teh 'shoulders' but I will take the wing and fold the top of the wing
and pinch it to make a nice point, like this (\/)   (you could also put
an ear twist there if you're ambitious. This gives it a more sharp winged
look without it looking like a bumble bee wing. I will also draw teeth on
his jaws to gice him a fierce look. This dragon is simpla fast and
effective.

Or you could see a picture of the larger dragon Royal makes on the Web page

Patty Sorell CBA
http://www.star.net/People/~psorell

```
From balloon-request@fooledya.com  Tue Apr 30 23:33:08 1996
Message-Id: <3186D4AA.2B1A@televar.com>
Date: Tue, 30 Apr 1996 20:04:10 -0700
From: Don Gebhard <chacha@televar.com>
Organization: Idea Factory, Inc.
To: Balloon Twister List <balloon@cvs.rochester.edu>,
        ags@bungalini.compulink.co.uk
Subject: Re: Dragons, dragons, dragons
References: <199604301606.RAA17438@lead.compulink.co.uk>
Content-Transfer-Encoding: 7bit
```

Alan G Simkins wrote:
>
> Hi CHA CHA,
>
> > This is exactly like my dragon except that I use a 5 bubble pinch &
> > pop series for the arms and a 3 bubble head (like Marvin's
> > kangaroo). I also learned from Alan Sands to tie a small piece of
> > uninflated red 260 to the nozzel before making the apple twist for
> > the mouth. Then you get a fire breathing dragon!
>
> I tried the p&p hands, but they just looked silly ! Time for another
> attempt methinks...

Next time try splitting the pinches. It gives more detail and can be claws.

        CHA CHA

```
From balloon-request@fooledya.com  Wed May  1 22:01:05 1996
Date: Wed, 1 May 1996 18:52:26 -0700 (MST)
Message-Id: <199605020152.SAA25344@web.azstarnet.com>
To: balloon@cvs.rochester.edu
From: ybyb@azstarnet.com
Subject: Re: Dragons, dragons, dragons

>At 08:48 PM 4/29/96 +0000, Cha Cha wrote:
>
>This is exactly like my dragon except that I use a 5 bubble pinch & pop
>series for the arms and a 3 bubble head (like Marvin's kangaroo).  I also
>learned from Alan Sands to tie a small piece of uninflated red 260 to the
>nozzel before making the apple twist for the mouth.  Then you get a fire
>breathing dragon!
>
>        CHA CHA
>
130 pieces work really well for fire.  Use different length bits (1 - 2
inches) of an orange, a yellow, and a red 130 knotted altogether and tied
into the nozzle before maing the apple twist.

Yvonne
     / \
 / \| |
 | || |  / \
 \ \| | | |
  \_  |/ /
    | _/
    | |   Twistin in Tucson
    | |
~~~  ~~~
```

```
From balloon-request@cvs.rochester.edu  Mon Aug 28 15:16:26 1995
        id AA14905; Mon, 28 Aug 95 15:11:53 EDT
Date: Mon, 28 Aug 1995 13:10:35 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Bubble Dragon/Godzilla
Message-Id: <Pine.A32.3.91.950828130311.8399A-100000@freenet.edmonton.ab.ca>
```

Ok! Here's the Bubble Dragon:

inflate a 260, leaving about 6 inches of tail

```
>(.5)(.5)(.5)(.5)(.5)(2)(1.5)(2)(1.5)(1.5)(3)(.5)(.5)(.5)(.5)(.5)(.5)(3)(3)(..)
  \              _____/_____/  /_____/  |  _____/\_____/
   _____/                   |
                                         roll thru the chain of 6 (.5)
                                             bubbles
spine           ears      head  neck arms   body        back            legs tail
```

If this isn't too clear, message me!

```
+------------------+---------------------------------------------------+
|    Noel Bundy     |      E-Mail:nbundy@freenet.edmonton.ab.ca        |
+------------------+---------------------------------------------------+
```
"How do I set my laser printer to STUN?"

```
From balloon-request@cvs.rochester.edu  Wed Dec 13 15:28:55 1995
        id AA23811; Wed, 13 Dec 95 15:24:21 EST
From: Matuga <gar1881m@uel.ac.uk>
Organization: University Of East London
To: balloon@cvs.rochester.edu
Date: Wed, 13 Dec 1995 20:16:23 GMT
Subject: New figures
Priority: normal
Message-Id: <322B96408EC@bkstud5.uel.ac.uk>
```

Hi all,

      I joined this subscription list a short time ago and enjoy
receiving all of the discussion letters. The info. about broken
balloons is useful, but I particularly enjoy learning how to make
more balloon figures, and learning how I can improve my balloons.
      So I was wandering if anyone could help me out with a few
problems.
      When I go to children's parties as a magician, I take with me a
bag of balloons, so that every child in the party can have a balloon.
I know that many entertainers advise against this for various reasons
but I personally find this to be successful. My problem is that I am
finding it increasingly difficult to get hold of large clear plastic
bags to bring along the balloons in. The bags I need are about the
same size as bin liners, I live in England and don't know where I can
buy them from. Any ideas?
      Next problem, I make the one balloon motorbike, and I make
various aeroplanes out of one balloon but does anyone make a one
balloon car or boat? I often get asked for car's when I do balloon
requests but normally have to give the child a bike or something
else. I've seen car's made out of hundred's of balloons but
have never seen a car that's reasonably quick to make.
      Finally I thought I'd include an idea for a balloon dragon that I
recently got taught.
      Take a green balloon (preferably not the Qualetex green, globos
balloons have a nice green) and inflate the balloon leaving a five
finger tip. Tulip twist a three finger bubble, to form a head (like a
dinosaur's head) and then twist an eight finger bubble for the neck.
Next make a four finger bubble and another, and lock twist the two
together. Make another four finger bubble and roll it through the
other two.
      You've essentially made a basic dinosaur without any legs. Next
take a red balloon and inflate it about half way. Make a chain of
about five one finger bubbles and lock twist the knot of the balloon
with the last bubble. Then make a one finger bubble and pinch twist
it. This balloon then fits around the head of the green balloon. Then
continue to make a chain of one finger bubbles, do this all the way
down the dragon, right down to the tail of the dragon. You will need
to twist the bubbles in around the body of the dragon to keep the
bubbles in place. Finish it by knotting the end of the red balloon
and the end of the tail together. (You may need a second red balloon
to go down the length of the dragon). Next you add the legs, take
another green balloon and inflate it with a six finger tip. Make four
one finger bubbles and locktwist the first and fourth bubble. To give
you one foot, then make a four finger bubble, and then a one finger
bubble that should be pinch twisted. Then make a soft eight finger
bubble, and another one finger pinch twist. Next another four finger
bubble and then another chain of four one finger bubbles. Lock twist
the first and the last together, to give another foot.
      Now take another green balloon and repeat this process, to give
you the second pair of legs.

Twist the eight finger soft bubble (in the legs) in the centre and connect it to the body of the dragon, do the same with the other set of legs.

Now for the wings. Take a yellow balloon and inflate it with a five finger tip. Make a two finger bubble, then a four finger bubble, then an eight finger bubble. Lock twist the four finger and the eight finger bubbles together to form one wing. Then make two more two finger bubbles, another four finger bubble and another eight finger bubble. Lock twist the four finger and the eight finger bubbles together to form the second wing. Make another two finger bubble,and remove the rest of the air in the balloon. Twist the knot of this balloon with the other knot you've just made. (This balloon should look like the one balloon dove, without a tail) Now tie the wings onto the dragon. (Onto the front set of legs, and the start of the dragon's body). Then you should have a dragon!

Can anyone follow this? If you can it makes a really nice figure, and doesn't take more than four or five mins. to make.

Bye for now,

Matt.


```
  o
 <M>                <GAR1881M@BKSTUD5.UEL.AC.UK>
_/ \_                     Matt.
```

Inventory:

Balls

Clear

1'   7'   7'

Instructions:

1. Blow up a purple 260 and tie in a circle.

2. Blow up a yellow 130, leaving a 1 - 3" tail. If the inside set of wings just fits snugly into the outside wings it will glide. It flies! It flies!! If not, they curl up and it still looks OK. Put them together as shown below.

3. Insert two balls into a clear heart. Underinflate it. Put one in each lobe and twist in half for the eyes.

4. Blow up a black 260, leaving a 1" tail. Make a 1" bubble, then two 7" bubbles. Insert the eyes between the two 7" bubbles. Set the wings between the bubbles and twist the two bubbles together. The wings are held together by the two parts of the black balloon. Bend the tail to make it look like a dragonfly tail.

Original design by

Bethany Martin

```
From balloon-request@cvs.rochester.edu Mon Nov 28 11:31:10 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA05950
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 28 Nov 1994 11:31:10
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA03488; Mon, 28 Nov 94 11:23:15 EST
Resent-Date: Mon, 28 Nov 1994 11:23:08 -0500 (EST)
Old-Return-Path: <moss@swift.cvs.rochester.edu>
Date: Mon, 28 Nov 1994 11:23:08 -0500 (EST)
From: Larry Moss <moss@cvs.rochester.edu>
To: Balloon Sculpting Mailing List <balloon@ent.rochester.edu>
Subject: dreydel
Message-Id: <Pine.SOL.3.90.941128105310.9785C-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 1845
Resent-Message-Id: <"OgXa7.0.Ss.oFWsk"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/9
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

I've come up with a reasonable dreydel, but it's not that quick to make.
At least, not quick enough to hand them out at all of the Hanukah parties
you do.

The first part of this is just like the base of the birdcage.

Inflate two balloons leaving about 2 or 3 inches uninflated at each end.
Twist them together at their centers. Make a 1 inch ear twist in one of
the bubbles at the center where the two balloons are connected.

Partially inflate (use your own judgement) another balloon. Tie the
nozzle to one bubble about an inch from teh center. Make a 1 inch bubble
in this new balloon and connect taht to each bubble of the initial 'X'
shape to form a square. Deflate and cut off any remaining tail.

```
        \       /
         \  _  /
         |\  /|
         |/_\|
         /     \
        /       \
```

Do the same thing with another balloon, but make this square a bit
wider. This will form the point of the dreydel.

The sides of the dreydel are made by taking the remaining bubbles from
teh 'X' you started with and connecting them to each other like this:

```
        (side view)

    1) |     |
       |     |
       |     |
       |_____|
        \   /
         V

    2)       |
```

```
          ___|
      |___|  |
      |      |
      |___|__|
        \   /
          V
```
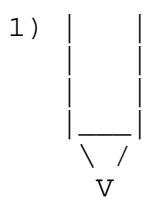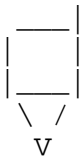
Use one more balloon for the stem. This is inflated about half way.
Around teh middle of the inflated section, make a bubble that's half the
length of the diagonal in teh square forming the top of the dreydel.
Make three small bubbles, followed by another one that's half the
diagonal. With the 3 small bubbles, do a pop twist. Connect the ear
twists from the pops to two of the corners in the top of the dreydel.

I know that's a pretty rough description, but I've been taking forever to
do things when I say I'm going to do it right. So better this than
provide a complete description after Hanukah is over.

Larry

From balloon-request@cvs.rochester.edu   Mon Sep 18 22:30:52 1995
          id AA29908; Mon, 18 Sep 95 22:07:41 EDT
Date: Mon, 18 Sep 1995 19:07:14 -0700
Message-Id: <199509190207.TAA26884@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: My last event

   Let's see, I got an offer to do balloons for a square
>dance club (but I think I blew it because I couldn't offer a professional
>response as to what it would cost them),

I just say, "well, I don't really have time to talk now; I'm a little busy,
but here's my card and we can work something out if you give me a call."
Said with the right inflection, they always look at the crowds and /or
waiting children and say, "I understand." and then I usually get a call
soon after.

>of braided turban hats (Thanks to T. Meyers and his great book).

I do a braided turban with 3 350's. (having no idea whatthe Tmeyers turban
looks like, I don't even know if it's even remotely the same idea

>2) How about breakage. You make a balloon hat for someone and they come
>back three hours later, without waiting in line, and ask you to fix the
>hat cause it broke.   How do you handle this? Do you put all the people
>who've been waiting on hold and fix the hat?; do you say no?; do you say
>'sure, just get back in line (might as well get a new hat for that effort)?

If its a quick fix, I usually make the person wait for a few people adn then
do it real quick when there's a little one having a hard time making up his
mind, while I coax out a aresponse. I don't know if that's fair, but that's
what I do....if its a WAY broken...back to the end of the line for a new one.

>3) How do you fix a turban hat?

Since I use 350's, its fairly easy just to slip a new balloon in place if
the braid isn't horribly tight.

 When I get to the point where I want to take a break or end, I'll
>just hand out the poker chips and take them back for every balloon I do. This
>way I can satisfy all the people who are waiting in line, and control
>any more that show up afterwards. What are your thoughts?

GREAT IDEA! Number the chips, and that covers poeple coming back atthe same
time.

>5) How do you handle requests about sculptures not in your inventory?

Well, if I feel that I can wing it I try to....I've gotten a pretty good
panda, frog, goldfish, and five-humped camel that way (yes, she asked
specificaly for a five-humped camel....she always does).

I
>don't know how to do a duck, but someone asked for a duck. I gave it a
>valiant effort, but it didn't look like a duck to me either.
>
****
   DUCK
****

I just make a loop, then 2 1-inch grapes. lock twist the grapes. make a
bird body, two small loops for the feet and then either a loop for the tail
of a stub for the tail. Draw on the crease in the beak and google eyes and
you have a duck (albeit, a cartoony duck)

From balloon-request@cvs.rochester.edu Wed Nov 15 18:54:02 1995
        id AA02244; Wed, 15 Nov 95 18:49:11 EST
Date: Wed, 15 Nov 1995 17:48:30 -0600
Message-Id: <199511152348.RAA68006@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: Mouse Head Balloons

Edward wrote:
>Last night .. I found some great balloons -- they inflated to a large
>(7x7x12" overall) mouse head shape. It is a round balloon with two distinct
>round "ear" lobes, each about 3" in diameter. The standard mouse head
>looked great with a 350Q body and a marker-drawn face. Also, the balloon
>was tough enough to twist a bubble out of one or both of the ears, much as
>one might do to a heart balloon to make a nose on a face.
>
>The biggest problem with them was price -- six for a dollar makes them a
>bit too much to incorporate them into my normal stock. I think I may pick
>up a few bags just to play with, though. The manufacturer was called
>"Betta", I believe.

Here's a cheaper way to make a Mickey Mouse head (~10 for a dollar), though
it does take some work:

Carefully unroll the rolled up portion of the nozzle of a 6" Geo Blossom as
much as you can without tearing it. Be careful, because the latex is
lightly "welded" together in the rolled-up section, and tears easily. (You
can stick a finger into the nozzle, and that will hold the balloon while
you try and unroll the rolled-up part. Slowly work your way around the
nozzle, unrolling a little bit at a time) This will allow you to get a
really long snout.

Turn the Geo inside out, then inflate to the next level past where you
would stop if you were making the little kitty head (don't inflate to the
third level where the "ears" close in on themselves. See the FAQ under
Geos if you don't know about the kitty head trick). The ears (demarked by
the blossom's natural ribbing) are now as big as the head and rounded.
Disregard the instructions on the bag and tie a loose knot as close to the
nozzle opening as possible; then roll the knot even closer, allowing even
more of the nozzle to inflate. The nozzle will be the last part of the
balloon to inflate. Inflate it by pulling the knot up and back between the
ears with your right hand while squeezing air into the nozzle by pushing
the Geo against your chest. This will help give the snout curvature (like
making a curly-Q).

Here's the hard part: You want to stretch the chin part without stretching
the top of the snout to achieve the necessary curvature. You may have to
manipulate the balloon for a minute, using the heat from your hands/breath
to set the balloon so that you get a good snout shape with a crease on the
top of the upward-curling snout and a smooth, crease-less chin. I hold the
balloon against my chest with my left palm across the eyes, snout poking
out between left thumb and index finger. Stroke the snout slowly and
firmly from Mickey's chin to nose with my right hand, bending the snout
over the back of your left hand. When you get a good shape, refine it to
get the upward curving end by pulling the knot up and back between the ears
with your right hand while squeezing air into the end by pushing the Geo
against your chest.

You can twist a small bubble at the knot and ear-twist it to form a nose
(you have to squeeze the rest of the balloon while you do this or else the
nose bubble will be soft and use up too much of the snout.) but I must

admit that the best looking MM heads require adding a ball-nose using a
bubble from a 130 or 260. Draw the eyes, eyelashes, a smile and the
characteristic whiteface, et voila', a decent Mickey Mouse head.

Look at it from the side and notice that the ears are at a higher level
than the head, though they don't stick vertically upward like on a MM hat.

```
                        ,'|   <=== eye. Looks almost heart-shaped
                        ' `|             from this viewing angle

                      '  /  |

                 .d88b.
                 d888888br-,
                (88888888) @`_,*
                 Y888888Y>  '  /
                  `Y88Y'8( \_,'
                      `Y88br'

                  Side View

                * is the knot
```

It looks especially like MM from this angle, though I drew the snout a
little short. I just made one with a 3" long snout that looks great.

      To attach this to a body w/o rubber cement; If you look closely at
what happens when you turn the Geo inside out and inflate, you will find a
rubber bridge between the ears. I know it's cheating, but maybe you could
slip a piece of florists' wire or a pipe cleaner under there? Or just use
this idea - drop a small piece of balloon or a BB into the inside-out Geo
before you inflate it. Then make Mickey's head and let the piece of
balloon fall to the lowest point. Grab it through the wall of the balloon
and twist. Now you have a nub that you can attach another balloon to. A
3" diameter body with 2" diameter arms/legs would look great. White
gloves, of course. :-)

Mark

If you turn a good, long-snout Mickey head upside down and it makes a great
looking elephant head (just draw eyes and tusks). I must admit that the
trunk is a little short and thick - kind of like on a "tapir" rather than
an elephant - but just attach the head so the trunk is angled down, tell
them it's baby Dumbo, and no one will notice. I like it a lot.


```
   o
  <M>
 _/ \_
```

From balloon-request@cvs.rochester.edu Fri Apr 12 12:02:42 1996
        id AA10259; Fri, 12 Apr 96 11:57:30 EDT
Message-Id: <199604121554.IAA00729@gemini.adnc.com>
Date: Fri, 12 Apr 1996 08:14:26 -0700
To: balloon@cvs.rochester.edu
From: danlorna@adnc.com (Dan Curtis or Lorna Paris)
Subject: "the electricity hat" (with a superball inside)

>Can you explain the superball technique please? It sounds pretty cool.

Well it's just a matter of putting a superball into the top of a hat.

What I do is REALLY simple. I make a hat. Instead of anchoring the top
part of the helmet I (almost) fully inflate two more 260's and attach them
to where the top of the helmet would've attached (over the forehead of the
person). Anchor them by wrapping the top of the helmet around them by
making a loop (same general principle as a fishing pole-style hat). Then I
make tight spiral out of another 260, putt a superball into it, and stretch
the 260 spiral to elongate it. Attach each end of the spiral to the
antennae you've just made.

What you end-up with is something that looks like electricity. I usually
make the spiral out of yellow or clear. I turn the hat from side to side so
everyone can wach the ball move and then point out that it's a superball
insode, not a balloon, so there'll be something to remember the hat by once
it's popped. Put it on your "victim's" head and everytime they move, the
ball moves in the spiral, and the whole hat vibrates and sways a little.
It's really annoying, but kids love it. (adults like it too). Sometimes
you need to curve the antennae so they'll stick straight up instead of
backwards. My clients named this one "the electricity hat" so that's what I
call it.

Hope this makes sense. (I explained the whole fishing pole hat concept,
because, while it's a standard part of almost every hat I do, not everyone
knows what they are.)

Lorna

```
From balloon-request@cvs.rochester.edu Tue Apr 25 02:28:37 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA21528
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 25 Apr 1995 02:28:37
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA19402; Tue, 25 Apr 95 02:18:18 EDT
Resent-Date: Tue, 25 Apr 1995 02:17:26 -0400 (EDT)
Old-Return-Path: <tanst6+@pitt.edu>
Date: Tue, 25 Apr 1995 02:17:26 -0400 (EDT)
From: Todd A Neufeld <tanst6+@pitt.edu>
Subject: Re: Turtle, LadyBug, VW and a Penguin
To: Balloon Mailing List <balloon@mother.ent.rochester.edu>
In-Reply-To: <v01510100abc1fbb1e801@[131.217.49.134]>
Message-Id: <Pine.3.89.9504250231.E14509-0100000@unixs2.cis.pitt.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Resent-Message-Id: <"Lr-Al1.0.6l4.fG9dl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/205
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

> Simon.James@agsci.utas.edu.au wrote about broken ballons:

Lots of good stuff. Two quick points that I wanted to share.

1) You can turn a broken balloon into a recycling bit. I can't think of
any good lines off the top of my head. Any contributions?

2) I also make a mini elephant. He's very cute. WHen inflating the
broken piece just hold a few fingers over the nozzle. This will leave a
long trunk. Twist two big ears, and finish with Simon's body.

Happy twisting,

-Todd

From balloon-request@cvs.rochester.edu Fri Oct 27 01:12:44 1995
        id AA17554; Fri, 27 Oct 95 01:02:57 EDT
Date: Thu, 26 Oct 1995 22:02:45 -0700
Message-Id: <199510270502.WAA25423@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: elephants

>PS anyone got a good elephant? I can't find one I like

my elephant is no biggie, but it does in a pinch. Also, with my elephant
the longerthe trunk, the better he looks...and when the trunk gets too long,
you just add another balloon to make the legs longer and the body fatter,
and then he gets pretty big. Note: He needs eyes, and wrinkles along the trunk:

****
ELEPHANT (your basic one that someone showed me years ago)
****

1 balloon (I use lt. blue) (maybe tw oballoons, who knows???)

Inflate balloon leaving about 5 1/2 inches uninflated.

Now, you're going to make a tulip twist that is WAY LONG.
push ytour index finger into the balloon all the way. keep pushing your
finger into the balloon, usually I push the balloon with my free
hand....about 5X so that it's like my finger just keeps going deeper and
deeper in to the balloon. Grab the knot with your free hand and VERY
CAREFULLY extract your finger. Arrange the trunk so thatas much air as
possible stays in it. and then twist the balloon while still holding on
to the knot to help anchor it.
*****don't let go of the knot yet.
Take a look at the air that's left in the balloon. grab the end where
there's not much air and push some of the air back toward the trunk of
your elephant, then make two elephant ears.
Now you can let go on the knot

Judge how much room you have left for the body. You'll either have
enough to make 2" legs and a 1" body, or you'll run short...

in which case you'll want to make two 5" legs, and then add another
balloon (leaving 5 1/2 inches uninflated) as a body, making a cluster
of four 5" bubbles (like a bird body, only you'll attach it when
you've finished), and two more 5" legs. The tail can just be the
scrawny little bit that's left. Usually, i have about a 1" bubble
followed by a bit of uninflated balloon. When i give kids a choice of
a very short tail (popped off and tied) or a long scrawny tail, like a
real elephant has, they always want the scrawny one....I don't call it
a scrawny one, I just give them the choice of a long one or a short one.

---Lorna
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      / \   If you think education is expensive...try ignorance!
    _/   _

```
From balloon-request@cvs.rochester.edu  Mon Oct 30 08:07:46 1995
         id AA27194; Mon, 30 Oct 95 07:59:58 EST
From: "C. Piaf"  <edp56@cc.keele.ac.uk>
Message-Id: <27544.199510301257@potter.cc.keele.ac.uk>
Subject: Elephants,spiders and other things
To: balloon@cvs.rochester.edu
Date: Mon, 30 Oct 1995 12:57:07 +0000 (GMT)
Content-Transfer-Encoding: 7bit
```

Hi all,
the last time I posted to this list I was in Belgium and it's taken a while
to get back to using it. I've sat quietly in the wings reading other peoples
posts and I know have a few things to say.

First, with regards to Lorna's elephant (well the one she detailed). I've
been doing an elephant like this for a while and prefer the elephant's body
to be a bird body. It's a bit fatter and rounder, but also a darn sight
harder to get right.

Second, I tried making a spider with a single balloon. I think anything
with 8 legs will do. So why not just pop twist 8 legs and put two googly
eyes and a head on top. I haven't tried it for a while but will post it
again soon (possibly too late for Halloween).

Third and lastly, anyone know where I can get 130s. My stockist only sells
Qualatex and they only produce 260's and 350's in the long thin sort of
balloons.

Sorry this is the last point. A while ago I asked for ISBN numbers for
books quoted in posts. Someone said that they were in the FAQ. This wasn't
the case last time I looked. Does anyone know of a decent supplier of US
published books in the UK. Getting balloon modelling books in the UK is a
pain.

Thanks,
Carl Piaf (MerryLeggs).

```
From balloon-request@cvs.rochester.edu  Mon Oct 30 23:08:17 1995
        id AA13583; Mon, 30 Oct 95 22:57:02 EST
Date: Mon, 30 Oct 1995 19:56:53 -0800
Message-Id: <199510310356.TAA09245@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Elephant Aesthetics
```

I'll admit, having a birdbody for the elephants body is an excellent
idea; I prefer to have either a small body with an extremely long trunk,
or an even longer trunk with long legs and a large (bird-body) body
2-balloon elephant), simply because the trunk of the elephant has more
character if it's longer. After you get used to working with extensive
tulip twists. you'll find you're able to manipulate them in to different
shapes. Most
of my elephants have trunks that snake off to the right, as if they are
reaching for something or being swung. The others curve down around and
back up in one of those curling motions that elephants are so famous for
doing when picking-up or moving objects.
I usually give the small elephants for a child to hold and put the larger
elephants on a hat.

IDEA: Make a large elephant with terrified eyes, put him on a tree with
      a mouse at the base of the tree.

off-subject idea: Make a 130 hat for a cat...fishing-pole style with a
mouse hanging off the pole in front of the cat's face.

```
---Lorna
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```

ELF

You can use scraps for the entire elf.

1. Stuff yellow balloon inside of pink balloon before inflating (for flesh color).

2. Inflate a small bubble and tie off and cut the remaining nipple end off. (This is the elf's head)

3. Make a long apple twist, and twist off a small bubble at the top of apple twist. (this is going to be his pointy hat).

4. Wrap each tied end of white bubble around ear twist on top of hat.
5. Tie bottom of hat to head bubble, (step 1).

6. Ear twist 2nd bubble, then wrap nozzle around ear twist.
7. Ear twist 3rd bubble and tie off nipple end, and cut. Wrap nipple around ear twist.   (hair)
8. Slip the tie between head and hat into the center of yellow ear twists.

9.   Ear twist 3rd bubble and 6th bubble.
10. Tie nipple around point between 1st and 2nd bubble.
11. Tie to bottom of head.

12. Ear twist 2nd bubble and wrap nozzle around the ear twist.
13. Ear twist 4th bubble and 7th.
14. Ear twist 9th bubble and cut and tie off nipple end then wrap the ramining tie around ear last ear twist. (arms).

MAKE 2 OF THESE!

15. Do this white balloon the same way as hair. (yellow balloon)
16. Attach between head and body.
17. Attach 2nd one between tummy and legs.

Mittens:

18. Wrap tied ends around ear twist on end of arms.

19. Shoes: Ear Twist 2nd and 3rd bubble. wrap tied ends around ear twists.
20. Attach shoes to end of legs. You can just slip them between the legs and arrange them to look

like shoes.

MERRY   CHRISTMAS
YA'LL

```
From balloon-request@cvs.rochester.edu Sun Jan 29 00:20:21 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA25067
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 29 Jan 1995 00:20:21
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
        id AA19022; Sun, 29 Jan 95 00:10:59 EST
Resent-Date: Sat, 28 Jan 1995 22:10:48 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Sat, 28 Jan 1995 22:10:48 -0700
Message-Id: <199501290510.WAA15805@news.primenet.com>
X-Sender: clydep@mailhost.primenet.com
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@PrimeNet.Com (Clyde & Arlene Powers)
Subject: Balloons on Internet
Resent-Message-Id: <"mezyt.0.6f4.XDoAl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/42
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hi! My name is Arlene, better known as Arleenie Beenie. I have been
ballooning five years as a clown, and one year as a balloonologist. A
balloonologist is a name for someone working for tips in restaurants who is
using a very long word to impress the customer (possible tipper). I was
thrilled to run into your contribution to the net. I have searched clowning
and been unable to find results, so I tried juggling and stumbled on to your
posting. What a great job you are doing. In the last few years, balloons
have come a long way. I have used pumps most of my ballooning career, but
have learned to blow over the last year. As I am asthmatic, maybe the hints
I learned from Marvin Hardy and Mike Decker will help some of you. We have a
tendancy to stretch the balloon long ways, which is taking a cylinder and
lengthening it. Try strectching sideways about one inch below the nozzle.
Blow up about one inch of the balloon 3 to six times a day for several days.
Then progress to two inches until you feel like you can go further.If you
are asthmatic as I am, progress may be slow, but eventually you can blow up
a full balloon, then increase the number of balloons per day until you reach
your goal. I still have some days that I am unable to blow, so when
customers comment on my pump, I say it is for asthmatic balloonologists.
 When customers see my balloons, they no longer seem to consider the pump
cheating anyway.

The books I highly recommend (available from T. Meyers) are Cartoon Balloon
#1,2,&3 by Capt. Visual. Awesome Balloons By Flash, by Ken Stillman. These
are not for mass ballooning. They are GREAT for the birthday child, or for
restaurant work - they are major tip getters. These books have the little
mermaid, Daffy Duck, Tweety Bird, Roger Rabbit, Pluto, Opus, The Blue Genie,
etc. Once you learn these forms you can take off on your own and create the
coyote, roadrunner, awesome reindeer, Odie, Clifford, etc. Or you can put
Bart on your five balloon motorcycle - get the picture.

One of my favorite balloons is the Energizer Bunny.This was submitted to
Laughmaker Magazine by Paula Large, Lyle Balcom & Jerry Darkey. It uses one
6" geo and one pink 260 and one blue 260.
Inflate geo and tie off. Inflate pink 260, leaving one inch tail, and
deflate two thirds, thread through geo and re-inflate, and tie off. This
leaves you with a pink 260 through the geo. Make simple bunny head at knot
end, wrap front feet around geo, and make body, hind feet,and tail at other

end. Draw sunglasses on head using knot for nose. For the kicker inflate two
inches of blue 260. Squeeze half of the air to the tail of the balloon, tie
two knots in the middle of the balloon and tear or cut baloon in half,
between the two knots. Tuck each "drumstick" into the place where the hands
go through the geo.
Later Tater!!!

From: CDegastyne@aol.com
Date: Tue, 7 Jan 1997 08:49:23 -0500
To: balloondeco@fooledya.com
Subject: Re: balloondeco-d Digest V97 #3

Use 5" balloons with cut off necks. Fold 18 gauge floral wire 4-5" to make
loop and   pull balloon over loop. Pull balloon down to base of loop and
secure with floral tape.
Grab hold of balloon with thumbs and index fingers and pull from both sides
increading the surface area of the balloon. Then fold wire over for the stem
and flower petal effect. Make 5 (or whatever) of these petals and secure
them all together at the fold over points with floral tape(having put
something in the middle for the stamen(?) of the flower). This can be made
using dried florals or another balloon petal, without pulling apart, and
folding over just at the tip.
I have also found by using 9" balloons and not stretching you get a
different effect- more natural I think but not shiney. This will make them
last longer as they will not be fraying at the edges where the balloon is
pulling on the wire. You can also layer petals, stretch different colored
balloons over existing petals, ect. The creative potential is limitless here
so have fun. Charge accordingly as this is very time consuming but if you
get in a production mode (ie bending all the wires at once) you can make
them quickly.

Paul de Gastyne.

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Date: Mon, 05 Aug 1996 08:48:32 -0700
From: Jay Jay the Clown <flatfoot@iafrica.com>
To: balloon@fooledya.com
Subject: figures on motorcycles and qualifications
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Hi all

Greetings from Africa, Sorry I haven't posted for a while, too busy/lazy.

Phil posted a Mickey on a motorcycle recently. I have been making a similar bike for some time and it goes like this: Make your favourite head (I like pink panthers and snoopy). make a short neck,a half inch ear twist for support, then a 2 inch arm then two 1 inch bubbles for handlebars then another arm and lock the arms together. make a two inch body, then back tyre, bike body, front tyre. You should be left with quite a tight approx three inch bubble, take the last half inch and twist a small round bubble which you take betweeen the handlebars and tuck it over to make a headlight. Hope the instructions are clear enough, please email me if they are not or if you just want to suggest changes etc.

The thread on qualifications is interesting. I have a few questions though.

1. Original design: The motorcycle I have just posted is completely original but it is obviously very similar to Phil's. Great minds obviously think alike! :) How does one prove that they thought up their original design. A complete beginner could come up with the basic three twist dog without any instruction, would that qualify as original (obviously not but you get the point)

2. U.S.A. bias: would this qualification be biased towards the U.S. /Canada. It would be quite expensive for me to pop over for the morning to take my exam, or could we do it by correspondence (electronic or otherwise)

3. Would multiple balloon sculptures be part of the exam? I hardly ever use more than one balloon for a sculpture (not many people stump me either). This is mainly due to the price of balloons out here but also because I believe it is more of a challenge and makes twisting a bit more of a pure art to me.

I love the idea overall especially the fact that one could get some sort of colour brochure to go with your publicity pack.

One last thing, how many people actually twist the designs that are posted here? I posted a pink panther (one balloon) a while back and a few people emailed me and said they loved it but there was not much response otherwise. Just wondering.

Cheers for now

Jay Jay

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Date: Mon, 05 Aug 1996 17:47:53 -0700
From: Jay Jay the Clown <flatfoot@iafrica.com>
To: balloon@fooledya.com
Subject: motorcycle figures amendment
```

Hi all

I forgot to put the hands on my motorcycle riders! A half inch ear
twist (pinch twist, whatever) after the first arm and before the second
arm makes this figure a little bit more awesome.

Cheers for now

Jay Jay the Clown

Date: Fri, 5 Jul 1996 10:01:39 -0400
From: Garry Gardner <104267.444@CompuServe.COM>
Subject: July 4th hats
To: Balloons <balloon@www.fooledya.com>

I came up with a couple ideas for July 4th hats yesterday.
Sorry I couldn't have posted them in a more timely manner.

First, an Uncle Sam hat - requires 2 red, 2 white and one
(dark) blue. Inflate the reds and whites leaving a 3 inch
nozzle and 3 inch tail. Find the exact middle of all four
and twist together in an 8-pointed "star". Make a birdcage
base, alternating the red and white segments. Each "spoke"
should be about 4 inches and the "rim" bubbles about 3 inches.
This is the top of the hat. For the sides, make a 6-8 inch
bubble in each segment and connect to the adjacent segment
with a 3 inch bubble (Like birdcage bars). Take the tail of
each red segment and double it back on the last 3 inch bubble
and tie it off. Fully inflate the Blue balloon and fasten the
two ends together. This will be the hat brim. Extend the white
tails like spokes to attach the brim at 4 points around the
circumference. Make a 1 inch pinch twist in each white segment
where it attaches to the rim, then break and tie off any
remainder. I wore this hat while busking before the fireworks
display and got a good response. When someone wanted a hat like
mine I offered the alternative . . .

Fireworks Hat: Requires 2 balloons, any color. Fully inflate one
balloon and make a loop to fit the recipient's head, leaving a
long "feather" sticking up. Inflate the other balloon leaving
about a 2-inch tail. fold in half, then in half again, and twist
the whole bunch in the middle. Attach the bunch to the top of
the "feather", and the kids have fireworks they can wear home
(and even explode with a bang if they want!).

Twisting Independantly,
Professor Wonder

```
From balloon-request@cvs.rochester.edu  Sun Aug 13 07:21:33 1995
         id AA12321; Sun, 13 Aug 95 07:20:54 EDT
Message-Id: <v01530500ac538d5386df@[131.217.8.2]>
Date: Sun, 13 Aug 1995 21:22:24 +1000
To: balloon@cvs.rochester.edu
From: Simon.James@agsci.utas.edu.au
Subject: One fish two fish red fish blue fish...
```

Hi folks,

I hope I'm not reinventing the wheel but here is a multi balloon fish for
you all to have a chew on, invented this morning (guarenteed fresh!).

A quick big goldfish that looks best in blue, using three blue and one
white 260's. When colour mix and matching make sure the one balloon is
lighter than the three balloons.

(i) Inflate one blue leaving a 2-3 inch tail. Twist a half inch bubble then
two 8 inch loops (eye sockets).

(ii) Inflate next blue leaving 2-3 inch tail. Make some lips out of the
first four bubbles ear twisting the small bubbles. Squeeze the remainder to
soften it then tie the end to the other side of the mouth forming a loop.

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(iii) Inflate the next blue leaving 1-2 inch tail.

(iv) Inflate the white leaving a 6 inch tail. Make two 4 inch bubble loops
(eye balls), a 1 inch bubble then two large loops (fins) with the
remainder.

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Insert the white eye balls into the blue eye sockets (i), this will bend
them back into sideways goldfish orientation. The nozzle of balloon (i)
should wrap round the joint between the eyeballs. The half inch bubble of
balloon (i) helps separate the eyes. Pull the remainder of balloon (i) back
behind and on top of the eyes, this forms part of the body.

Put the blue balloon number (iii) behind the lips and twist the big lip
loop round to hold it in place so that 10 inches points down and the rest
is waving about. Tuck the fins through the big lip balloon loop (ii) and
make sure the wavy bit of number (iii) is in front of the eyes.

Now gather all the bits about 9 inches back from the lips and sort them
out. From the top there should be balloon (iii) and balloon (i) lying
together, balloon (ii) loop sideways, then balloon (iii) again -- the short
bit, the nozzle of which should tye off the tail sections.

The tail should have a loop (ii), a long bit (iii) and a stub (i). The stub
can form two ear twists to hold the fins vertical. The long bit forms the
other fin plus a bulbous bit that goes between the fins. This fin set up is
the stablest of those I've tried.

Done, draw a couple of pupils too the side but so they can be seen from the
front as well. I've tried a few colour combinations (body/eyes) --
yellow/red (looks evil), purple/white (OK), orange/yellow (can't pick
detail), pink/blue (yuk), blue/white (good), black/red (wouldn't like to

meet it in a dark tributary).

!POP, "Aha, I've discovered room temperature fishion!".

Simon over and out.

Kevin Sanderson

Department of Pathology   email: Kevin.Sanderson@path.utas.edu.au
University of Tasmania   phone: 61 02 35 4825 FAX: 61 02 35 4833

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Date: Wed, 14 Aug 96 16:57 PDT
To: balloon <balloon@fooledya.com>
Subject: Fish Hat
From: Norm Carpenter <norm@isc-br.isc-br.com>
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Hi all,

I just wanted to drop a note that I think I made Lorna's fish hat
the other night by
accident.

I was instructing some people in the fine art of balloon mutilation
and they wanted a
hat. So I showed them how to make the indian hat, the frontier hat
(indian turned 180 degrees),
and the helmet. I then took the helmet and made a spike hat. This
they all enjoyed.

Then I made another hat like the indian hat and then attached a
fully inflated 260 to the front.
I took the feather of the indian hat and looped it around the new
260 and twisted off so that
the feather part supported the 260. I worked the 260 so it bent
forward. Now if you wear this hat
like this you look like one of those weird fish that live in the
ocean about 2 miles down where it
is so dark they have to have their own light source. To the end of
the 260 I attached an uninflated
260 (oh my gosh, using a balloon without blowing it up, I won't get
my pin, I won't get my badge,
I won't get to put three letters after my name,and I'll have to
become a balloon stacker). Anyway, to
the end of the uninflated 260 I attached a fish balloon (made from a
6 inch heart by not putting
too much air in).

I was surprised at the reaction. Almost everyone there (mostly
adults) said "I've gotta make one of
those!" So we went through the process again.

Norm

Hey Fred, you gotta stop calling the balloon stacker list the
balloon stacker list or you might hurt
somebody's feelings. Hey my spelling checker kicked out Fred and
suggested Fraud. A Freudian
computer? I think not.

From balloon-request@cvs.rochester.edu   Mon Apr 15 15:22:53 1996
          id AA16319; Mon, 15 Apr 96 15:15:12 EDT
From: clawton@TFS.COM (Chris Lawton)
Message-Id: <m0u8tjn-0009rLC@bpsrv>
Subject: Flamingo
To: balloon@cvs.rochester.edu (balloon)
Date: Mon, 15 Apr 1996 12:14:59 -0700 (PDT)
Content-Transfer-Encoding: 7bit
Content-Length: 2435

Hiya Gang!

I was thinking about my last trip to San Diego and my thoughts came around
to Lorna and the San Diego Zoo so naturally, it led to this balloon flamingo.

I don't have an example of one in any of the books that I have (nor have I
seen one made yet) so let me know what you think. Feel free to refine,
change, whatever...

You'll need: 1 pink 260, 1 pink 350, 2 white 260's.

Start by inflating the 350 and leaving about 2 inches un inflated.
Make a 3 bubble bird body about 8 inches long. Whatever is left, will become
the tail feathers.

Next, inflate the pink 260 leaving about 2 inches uninflated. Twist an
8 inch bubble, then two 4 inch bubbles. Lock twist the two 4 inch bubbles.
These will become the eyes. Bend the first 8 inch bubble into a flamingo beak.
(Make a bend about 3 inches from the nozzel.) About two inches away from
the uniflated part of the balloon, twist a 1 inch ear twist to make the
remaining end of the balloon stand at a right angle to the long neck part
of the bird.

Inflate both white 260's leaving about 1-2 inches uninflated. In each balloon,
twist a 2 inch bubble, and then two 4 inch bubbles and lock twist these to make
the feet. About 1-2 inches away from the uniflated end of each balloon, lock
twist both legs together. Finally, place a small 1 inch ear twist about
2 inches back down the each leg so that the legs sit at right angles to the
lock twist which holds the legs together.

Finally to assemble the bird, take the legs a push them through the 360
bird body. Arange the legs so that they sort of stradle one of the 360
bubbles. Use the small bubbles on the ends of the white 260 to sort of lay
length-wise down the center of the bird body to provide stability to the
legs.

Take the pink 260 and use the uninflated part and tie it off to the nozzel end
of the pink 350. Take the small bubble that is after the ear twist in the
neck and wedge it inside the bird body with the neck and head sticking upward.
You have to sort of bend the neck to get it into a nice pleasing 'S' shape.

You can also put a knee in one leg with another small ear twist to
make it standing on one leg.

That's it. Hope you like it.

--

Have a Disney Day!!
Chris

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From: "Perry, Troy" <taperry@uswnvg.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: Flea Markets
Date: Wed, 7 Aug 1996 09:43:33 -0700

I haven't tried it, but here's what the guy in Walla Walla (another farm
town) was selling on the fourth. They seemed to move well.

16" geo flowers filled with helium
I think he was using slightly underinflated 9" rounds for the center of
the flowers. I don't know whether he filled these with helium.
A single 260 made into two leaves.
All on a string about six feet long.

I think it would've looked a lot better with 350s for the leaves. I
haven't tried it yet, but I think two 350s to make two leaves and a stem
would be cool.

>Troy
>

```
Date: Mon, 24 Jun 1996 16:55:56 -0700
From: "Karen Eustace" <eustace@net1plus.com>
To: Balloon List <balloon@fooledya.com>
Subject: another use for "non-round" balloons

> >I am putting together a list of the many things that one can do with
> >non-round balloons with the hope of being able to teach in the near future.
> >A couple of the very interesting things I've found are:
>
> >If there are any other interesting uses, I'd love to know about them
>
> >Patty Sorell CBA
> >http://www.star.net/People/psorell


        I had a gross of 350's and I didn't know what to do w/them so my brother and his
friend and I used them as water ballons.  This led to getting into the pool, and we
ended up making "flotation devices" of sorts.  3 350's, fully inflated, twisted like a
hat.  You climb in and sit of one of them.  They held up 160# with no problems.  It was
tons o' fun.  (I reckon you could use 3 260's as well)

Jenn

--
Still around the corner may wait/A new road or a secret gate/And though we pass
them by today/Tommorow we may come this way/ And take the hidden paths that
run/Towards the Moon or to the Sun.  J.R.R. Tolkien
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From balloon-request@cvs.rochester.edu  Sun Jan  7 18:35:01 1996
         id AA29186; Sun, 7 Jan 96 18:33:09 EST
Date: Sun, 7 Jan 1996 18:33:03 -0500 (EST)
From: Larry Moss <moss@cvs.rochester.edu>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: one-liners and hats
Message-Id: <Pine.SOL.3.90.960107182124.22099I-100000@cheetah.cvs.rochester.edu>
```

Just a couple things I've been meaning to mention for a while ...

Like everyone, I love meeting airigamists when I travel places. There's
always something to learn from others. Well, on a recent trip I met
someone that taught me a figure that I'm surprised I never came up with
before. (but at least I've been able to use it since.) It was a
flourescent light bulb. I'll leave the details of construction for the
rest of you to figure out. (hint: use a white balloon.) Anyway, he
proudly held it high in the air and proclaimed that it was a flourescent
light bulb. In answer to the blank looks we gave him, he answered "oh,
it's over your heads."

I also wanted to mention that before the holidays when I was out twisting
on a number of occasions, I ended up making far more hats than I usually
do. I like hats and all, and I love having a chance to decorate people.
I found that I just wanted to keep doing it more than ever as ideas from
John Holmes hat video entered my mind. As I mentioned in my brief review
of his video, I never made that many different hats, despite the huge
number of things that I do make. Had I not seen the video, I think I
would have stuck with a lot of old boring things for peoples heads. Just
a couple of neat ideas on the video helped me to create more of my own.
Anyway, I thought that was worth mentioning since I didn't give it the
best review in the world. I don't think I really put it down either, but
I did dismiss a lot of it as being overly basic. It wasn't until I was
out working many hours that I realized how much I had gotten from it.

Larry

```
From balloon-request@cvs.rochester.edu  Sat Jan 27 12:18:35 1996
        id AA02617; Sat, 27 Jan 96 12:16:33 EST
Subject: Flourescent tube light
To: balloon@cvs.rochester.edu
Date: Sat, 27 Jan 1996 11:57:46 -0500 (EST)
From: "Steve Hayden Brown" <steve@po@smokin.cvs.rochester.edu>
Reply-To: steve@theatrefx.com
Organization: Theatre Effects, Inc., Hagerstown, Maryland
Content-Length:      846
Message-Id: <9601271157.AA01235@smokin.UUCP>
```

        I saved a message that Larry had posted about a twister
who'd taught him a "flourescent bulb"... played with it, using a
white or clear or yellow or purple 260Q..and holding it up
horizontally over my head....then a moment of semi-inspiration
hit.... I had a Gold D-Lite (yes I said I'd never buy one after
seeing them demo'd for 4 straight days 8 hrs a day at a convention
last year) (actually I bought 3....2-red 1-gold.....you're welcome
Rocco...)

        Anyways, I used the Gold one after holding up the balloon,
to make one end appear to light up, but flicker and die out...
then said "ok maybe it's not a light bulb..and if it is, apparently
it's defective..so...we'll make something out of it..." It's really
gotten a great reaction...(BTW, when using a purple 260Q, I tell
folks it's a Blacklite bulb....)

        -steve-

From balloon-request@cvs.rochester.edu Thu Jun 29 01:41:07 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA17357
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 29 Jun 1995 01:41:07
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA18945; Thu, 29 Jun 95 01:40:37 EDT
Resent-Date: Thu, 29 Jun 1995 00:40:14 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Thu, 29 Jun 1995 00:40:14 -0500
Message-Id: <199506290540.AA19312@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Re: Flower Pots?
Resent-Message-Id: <"OcTJm1.0.wd4.JpZyl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/382
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu

>I wanted
>to make a table decoration with the flowers which are made from green
>260's with a heart attached. Problem is, I don't know how to make a
>vase or pot to hold some of the flowers.
>Any suggestions?

Umbrella stand?

Personally, I always use late 15th century Chinese Ming dynasty vases with
my balloon flowers. I got a great deal on a car-trunkful from a guy who
assured me that they were the genuine article. They're even signed by the
sculptor who glazed them - as far as I can make it out, his name was
TAIWAN...   :-P

Though I've never tried myself, maybe you can stretch the hole in the
center of a 16" Geo Donut or Blossom large enough to hold a few 260Q flower
stems. That would make a nice base.

Here's another neat trick I once saw for making a bouquet: make 4 or more
flowers and then fully inflate a red 260Q. Wrap the center portion of the
260 around the flower stems and lock-twist so that you have 2 long, equal
lengths of the 260 sticking out. Now with each end, working outward from
the one twist you have made, twist a big loop that uses up 2/3 of each
remaining length. Leave the extra 1/3's sticking out (like shoelaces in a
shoe-lace knot) and you will have a pretty ribbon-wrapped bouquet and bow!
I like to put a small balloon bumble-bee in one of the flowers, and a
ladybug on the leaf on one of the stems.

If you go with one balloon flowers - the tulip kind or the multiple petal
surrounding a small apple-twist kind, each of which have an uninflated stem
- you can stuff all the stems down into the crater of an apple twisted
round balloon. That's a rather standard trick that looks quite nice.

>I've tried making a curled balloon which I wrapped around the stems of
>three flower balloons, and then sort of twisted about 1/2 inch bubbles
>from the stems of the flowers to the last loop of the curled balloon.
>I thought this looked really good, but I couldn't get it to stand up!

Try filling the curled balloon with water instead of air; then I'll bet the

flowers will stand up. Otherwise, try wedging a bunch of washers or coins
in between the balloons to add weight. Or maybe get some florist's wire
and cheat   :-)

Mark

PS - does anybody know how to make a good balloon cowboy hat, or know of
any books that contain one?


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```
Date: Mon, 24 Feb 1997 17:54:07 -0500
From: Dan <guterman@mail.accent.net>
To: balloon@fooledya.com
Subject: Flower helmet
```

Here's a quick little hat that I came up with that the kids at the last
party really enjoyed. Make your favorite 2 balloon flower (without any
leaves just the stem). Take another balloon of any color (I think black
looks nice with a red petal flower) inflate it leaving about 1 inch of
uninflated balloon. Twist the balloon at the halfway mark and lock twist
it about 1 inch and half away from the petal. You should now have the
petal and 3 spikes going outward.Lock twist the 2 black spikes together
to fit the child's head. Twist a 1 inch bubble near the end of the green
balloon and locktwist it with the end of the two black balloons (making
a helmet)

        That's it
            Balloon Boy
        (email with any questions or comments)

```
From: LarryH49@aol.com
Date: Thu, 10 Apr 1997 15:28:15 -0400 (EDT)
To: balloon@fooledya.com
Subject: another flower
```

For a viriety on flowers, I use 350s and 260's.
Inflate 5 or 6 bee bodies to the point where it changes colors (I used 5).
 tie the nozzles together and twist them onto a green 350 stem. You can use
a tulip twist on the end and a bubble from a 260 can be attached at the
center.
After arranging them like spokes, attach leaves with a green 260.
I sent a photo of one of these (with photos of a balloon bouquet) to David
Graves.

Keep twisting,
Larry Hirsch

```
From batten@kodak.com Thu Feb  6 13:59:55 1992
Received: from gawain.cif.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA21877;
Thu, 6 Feb 92 13:59:50 EST
Received: from Kodak.COM by gawain.cif.rochester.edu (4.1/1.15) id AA03718; Thu, 6 Feb 92
13:56:37 EST
Received: from kodak.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
        id AA24906; Thu, 6 Feb 92 13:59:05 -0500
Reply-To: batten@kodak.com
Received: from cygnus.Kodak.COM by kodak.Kodak.COM (4.1/SMI-4.1)
        id AA19239; Thu, 6 Feb 92 13:59:50 EST
Received: by cygnus.Kodak.COM (4.1/SMI-4.1)
        id AA00525; Thu, 6 Feb 92 13:59:32 EST
Date: Thu, 6 Feb 92 13:59:32 EST
From: batten@kodak.com (James Batten)
Message-Id: <9202061859.AA00525@cygnus.Kodak.COM>
To: balloon@gawain.cif.rochester.edu
Subject: the flower
Status: OR
```

   Am I the only one making traffic on this subject?

   I promised to describe the flower I give out to the lady of the house
when I'm done with a show. (It's also great for a waitress IF you don't mind
blowing balloons in a resteraunt.)

For the petals, completely inflate two balloons then let some air out prior
to tying off.. and to make things quick, just tie one knot between the two
ends of each balloon. This leaves you with two seperate balloons each IN the
shape of a large ring.

Take one ring and hold it so you have two tubes side by side,(as if you had
just doubled the balloon in half.) Now fold the whole thing in thirds, make
sure you position things right so the knot is in the middle. Now pinch the
middle and twist. You'll be left with a group of four petals. Now do the
same thing with the other ring.

Now comes the hard part.... you have to mesh both groups of petals together.
Press their centers together, then start pushing the petals from the top group
down between the petals of the bottom group. I like to use two different colors
for flower, it shows off the fact that you are using several balloons and it
looks nice. Pink and Yellow are the two I use the most.

Now inflate a green balloon leaving about one inch for a tail and leave a small
amount of air out. from the 'TAIL' end of the balloon twist off a two inch
bubble, then slide this between two of the flowers petals and get the bubble
right into the center of the petals, fold the 'stem' into an S shape about one
third the way down from the flower and twist it in the center of the S to form
two leaves. Lastly tuck the stem slightly between two petals when it is held
the flower will point 'out' instead of 'up'. actually, that was not the last
step. the last thing you have to do is give it away and get ready for the oohs
and ahhhs.

As I said, meshing the petals together is the hardest part and that depends on
how much air you left out prior to tying off. Also, don't worry if the petals
are not all the same size, most likely each petal group will have one petal
larger than the other, just make sure to have these opposite each other when
meshing together.

I hope you enjoy this. Let me know if any one needs something explained more
clearly. (then I'll make Larry do it with all his nice art work)

ciao - jim batten

```
From balloon-request@fooledya.com  Thu May  2 22:56:26 1996
Date: Thu, 2 May 1996 20:49:30 -0600 (MDT)
From: Sir Twist <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@fooledya.com>
Subject: Large Frog
Message-Id: <Pine.A32.3.91.960502195535.31452A-100000@freenet.edmonton.ab.ca>
```

Well, I'm at it again! I was challenged recently by a customer to do a
big frog, and this is what I came up with:

```
Sir Twist's Large Frog
======================
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You will need:
5 green 260Qs
1 red 260Q
1 yellow 260Q
1 white 260Q

1. Inflate two green balloons, leaving about 4 inches
Twist both as follows:

```
>(1)(4)(1)(4)(15)...
   ET\_Foot__/\__/
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Give the 15 inch loop a crimp at the top to make it look like a frog's
leg. Take the remainder of the balloon, and point it to the side of the
leg.

It should look somewhat like this:

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         | |
         | |
         | |<- Leg
         | |
       __|_|__ _____
      (_(___)_)_____}--
        Foot^    Remainder^
```
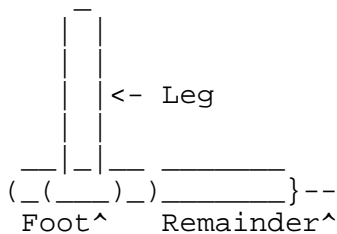
Make the remainder on the other leg face the other way.
On the first balloon, make a 1 inch bubble, followed by a 1 inch ET.
Follow this with a 2 inch bubble. Break off and tie.
On the second balloon, make a 1 inch bubble, followed by a 1 inch ET. Tie
the end of the first balloon to the ET of the second balloon. Break off
and tie the second balloon. You should end up with two legs connected by
a single length of balloon, with two ETs in it.

2. Inflate a third green balloon, leaving 6 inches. Make this balloon
fairly soft.

Tie the nozzle of this balloon to one of the ETs on the legs. Loop it
around, making a fairly large loop, and tie the other end to the other
ET. Break off the remainder. This forms the main body.

3. Inflate the yellow balloon, leaving 4 inches uninflated.

Make a 2 inch bubble, and twist this balloon to one of the ETs, at the
base of the body.

Run the yellow balloon up one side of the body,and about 2/3 of the way
up, twist it into the green balloon of the body. Then, make two 4 inch

bubbles, and twist it into the other side of the body. Bring the yellow
balloon down to the second ET, and twist it in. Make a 2 inch bubble, tie
the nozzle of the balloon around this twist. Make a 8 inch bubble, and
tie this end to the middle of the two 4 inch bubbles. Break off the
remainder, and tie.

4. Inflate the fourth green balloon, leaving 6 inches.
Tie the nozzle to the junction between the green body and the yellow balloon.
Make a 3 inch bubble, followed by a 2 inch, and another 3 inch bubble.
Twist the end of this bubble into the other junction. Make a 7 inch
bubble, and bring it across below the first 3 bubbles, and tie it to the
first junction. Break off and tie.

5. Inflate the white balloon, leaving 8 inches.
Make a 4 inch bubble, and lock twist its ends around one of the top
twists of the body(between the 3 inch and 2 inch bubbles.). This forms
an eye. Break off, tie, and repeat for the other eye. With the remainder
of the balloon, Make a fly as follows: (2)(1)(2)
                                                ET

6. Inflate the last green balloon, leaving 8 inches.

Twist as follows:
>(1)(1)(1)(3)(3)(1)(1)(1)...
 ET \foot/   \foot/ET   Break off the remainder.

This forms the front legs. Tie them by the middle to the ends of the 2
inch yellow bubble, at the base of the 8 inch bubble.

7. Inflate the red balloon almost all the way.

Tie the nozzle of the balloon to the joint of the front legs. Tie the fly
about 4 inches from the other end of the balloon. Make the tongue go
through the mouth, and stick straight out from it. Break the balloon off
after the fly, and tie the end around the fly.

You should now have a large frog, catching a fly.

If you make a top hat and a cane for him, he can be Michigan J. Frog!
(from the Bugs Bunny cartoons.)

Date: Thu, 24 Oct 1996 22:03:42 -0400
From: "Garry G. Gardner" <104267.444@compuserve.com>
Subject: Frog Instructions
To: Balloons <balloon@fooledya.com>

Nathan asked about a frog. My favorite is David Graves' version, which
has a photo on the HQ photo page. If you visit my website and go to the
balloon gallery you can find my instructions and drawings.

BTW, my November sculpture will be a turkey (ok, maybe they all are, but
this one is *supposed* to be), and my magic page will feature an origami
rabbit that is inflated. Pre-fold a bunch and hand them out to the 3 and
under set. I have yet to see a paper balloon pop! Watch for the update
next week.

Does anyone have a good angel figure? I'll describe what I've come up
with, and will welcome any suggestions. Inflate a 260 leaving a 6-8"
tail. Start with a shallow apple twist for a halo, then a 1.5" head
and a 1/2" ear twist for a collar. Each wing is a 3-bubble loop of
a 1.5", 3",2", connected below the collar. Arms and hands are a
4-bubble loop of 3",1",1",3", followed by a 3" torso. Divide what's
left into 3 equal parts. Lock the first two together and tuck the third
between them (like a bird body) to make the skirt.

Professor Wonder

http://ourworld.compuserve.com/homepages/Garry_Gardner/balloon
104267.444@compuserve.com

```
From balloon-request@cvs.rochester.edu  Wed Oct 18 19:21:23 1995
        id AA10218; Wed, 18 Oct 95 19:15:05 EDT
Date: Wed, 18 Oct 1995 16:14:54 -0700
Message-Id: <199510182314.QAA27415@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: A Basic Genie/Ghost
```

Did anyone see my ghost post last September? My genie is the same as
my ghost, only light blue.

I just blow-up a curly-Q (around my finger), let out a bit of air, and twist
a 1 1/2 inch bubble for the head.

Then, I add a 3 inch bubble, and a pinch-n-pop series and another
3 inch bubble, and then lock-twist the 3 inch bubbles together just
under the head. These are his arms.

Draw on a face...I like to add a goatee, like the genie in Aladdin.
The knot serves as his tassle and the curve of the body insinuates
that he's appearing out of this air.

Try tying him (or the ghost) to a fishing pole hat at the end of an
uninflated balloon, and watch him fly around in front of the child's
face. Also, this makes the child less likely to pop the pinch-n-pop
arms, by playing with them, because he won't even be touching the
figure.

---Lorna

PS the ghost looks great in white and diamond.

I'd love to see the 5 balloon genie. I saw one a few years ago, but I
never practiced it much, so I forgot it.

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From balloon-request@cvs.rochester.edu   Thu Oct 19 21:28:33 1995
         id AA28117; Thu, 19 Oct 95 21:16:29 EDT
Date: Thu, 19 Oct 1995 21:16:24 -0400
From: BHarry@aol.com
Message-Id: <951019211623_49144028@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Lorna's Genii
```

Far be it from me to add to a Lorna creation, but here's a thought . . .

If you add a 1" bubble after the first 3" arm then another 3" and ear twist
the 1" then your pop sequence and do it again 3"-1" (ear twist)-3", you get
an elbow (the ear twist)and pretty macho looking arms (a la the ninja turtle
figure) then do a small bird body and you get a manly chest. I did draw the
face and beard but it was imediatly recongised as the Aladan Genii by several
people

Sorry for being so vocal (typal??) I will now quietly go back to my
accustomed lurking

Dr Bruce

```
From balloon-request@cvs.rochester.edu  Mon Nov 27 14:34:19 1995
        id AA25597; Mon, 27 Nov 95 14:31:57 EST
Date: Mon, 27 Nov 1995 11:31:32 -0800 (PST)
Message-Id: <199511271931.LAA18298@news.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: nifty stuff etc
```

>   This sounds like a great idea. For us newcomers, could you give some
>details on how you made this like what size balloons,what you mean by"i shot
>them out and stuffed them into a clear geo"and what's a flower hat?

STEM
Well, let me start with the simple part: When I make a flower hat with a
Geo, I make a stem (like Marvin Hardy does for his Sunflower) with no twists
for leaves.
   Basically, you just need to inflate the balloon leaving 4-5 inches uninflated.

 Balls (use a bright color
 In the FAQ you should be able to find some GREAT directions on how to
insert a ball inside a balloon. I'd just tell you how, except that there
are several excelent examples of how to do it. Basically, you're just
making a 1/2-3/4inch bubble, pushing it inside and then breaking it off
inside the balloon.
   After you've made a couple of balls inside the balloon...you just hold the
end so the air won't get out, lettong the balls fall to the opening and then
let go of the end (untied) of the balloon and squeeze the balloon so that
the bubbles shoot out, kinda like a pop-gun. I shoot them into my top hat,
so they don't get away.

PUTTING THEM INTO THE GEO
This is the challenge. You have to grab the lip of the Geo Blossom and
stretch it and then shove the balls you just made inside the uninflated
balloon...This is when having smaller balls is better.
(no cracks from the nut gallery, OK?)
hey should fit into the natural pouches that form the shape of the blossom
nicely... if they end up close to the lip, don't worry, a Geo is easy to
inflate.

NEXT: Put the uninflated end of the stem through the geo and make a bubble
in to tip; you know, like when you're making a deely-bopper on the end of
feelers. then, inflate the blossom, Voila! A flower!

Attach it to a hat like you would a fishing pole.

Is all the clear enough?

---Lorna

A lot of people stuff various things into balloons... Kisses, candy,
superballs, etc. I love it!! It's a lot of fun, but with Marvin's stem, the
flower is allowed to bob and weave on it's own, and the ballopn balls in the
interior don't weigh it down, this gives the balls insode a chance to jump
around even more.

   I don't know how to peel off the other layer of balloon...I believe that
Marc does. But with this method you' don't have to worry about that, just
stretching the lip poses the most problems.

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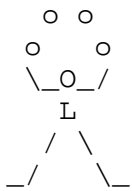
```
From: mickey mouse <BruceCh@burgoyne.com>
To: "'balloon@fooledya.com'" <balloon@fooledya.com>,
Subject: pumps and simple halloween ghost
Date: Fri, 11 Oct 1996 18:27:20 -0600
```

I decorate my pump with a black and white checkered contact paper and my =
mouth with a remarkably handsome beard.

Just a quickie, this may have been posted last year, but, I've been =
getting major response and a lot of requests for a simple ghost. It =
takes one clear 260, inflate as a spiral with a minimal tail. twist a =
head bubble (size depneds on personal preference) then a modified bird =
body, I dont twist the base of the third balloon, push the third balloon =
through but not all the way through at the base (so it has a "chest"). =
Draw your favorite ghost face and adjust so the rest of the spiral is =
swirling below him. (this may have been posted before as a simple genie =
. . .) but if you tie a thread to the knot then attach the thread to =
the ceiling you have a nifty ghost. My office is now full of them. =20

In the intrest of maintaining minimal confusion, since I post much less =
than Bruce (what's your name again?) Kalver and have much less expertice =
in the field I will change my monicer to Dr. B. And Dave, no offence =
taken, welcome back to the list.

Dr B=20
(in my heart, I'm funny as well as a magician and ventriliquist)

>I got so confused the other night at TGI FRIDAYS that I tried to blow =
up my
>POGO Pump by mouth! Boy do I have a headache! Dr. Bruce do you have a =
Tylenol
>:o)
>
>Bruce (how do you decorate your pump or mouth) Kalver N.T.D.

From: buff.phoon@genie.com
Date: Tue, 16 Jul 96 04:05:00 UTC 0000
To: balloon@fooledya.com
Subject: football goal hat and posting

     Some time back I posted about doing a Sports Cards Show and the
hats (and other balloons) that I would do there. I memtioned a
football goal hat and was asked about it. What follows are the
directions for the hat as I do it. Adjust, delete, or add to it as
you please.

     Needed are 2 260s of whatever colors you want, usually team colors
and maybe one brown 260 (for the ball).

     Inflate the 260s all the way except for the last 2 inches. Twist
a one inch bubble in each and lock together. Measure the head and lock
the 260s together to make the band of the hat. Put a one inch "ear"
twist in each and have the rest of the balloons pointed upward (like
the "feather" of a hat). Lock twist the balloons together about four
to six inches up and the make another one inch ear twist and turn the
ends outward. Measure another four inches on each and make another
one inch ear twist. Turn the ends of each balloon up and put on head.
This makes the headband and forms the center post and uprights of the
goal posts.
     Now inflate the brown balloon, if used, and make an oblong ball
by twisting eight inch bubbles and locking the first two bubbles
together and doing rollover twists for the rest of the bubbles untill
the balloon is used up. If there is any unused part of the balloon,
break off and discard.
     The end should look something like this:

                         _   _
                       ! ! !   ! ! !
                       ! ! !   ! ! !
                       ! !<- uprights -> ! !
                       ! !_____! !
                       !/_____X_____\!
                             ! !
                     post --> ! !
                         _____!_!_____
       headband -->   !_____X_____!

     Hopes this helps someone.

     On another note, for those that use a word prossessor (sp?) program
to write your messages before posting I have a request/suggestion.
Please set the line limit to 70-75 characters per line. If your line is
longer than that and/or has a "soft" line return then the internet
systems will sometimes cause the end of the line to be lost.
     Another idea for those that try to post graphics in their
messages. Make a blank "canvas" for your graphics. By that I mean
for you to make a blank line of 70 to 75 spaces ending with a line
return. Do this for about 30 or more lines. Now to make your graphics
you will be able to use your cursor controls to move around on your
canvas. I hope this, too, will be of some help for others.

     Now, as the doctor says about me, ...

                              I must be off!
                                Buff Phoon the Clown
                                  buff.phoon@geine.com

```
From balloon-request@cvs.rochester.edu   Sun Jan 28 02:10:39 1996
         id AA10012; Sun, 28 Jan 96 02:08:37 EST
Date: Sun, 28 Jan 1996 02:08:43 -0500 (EST)
From: KNIGHTOR@VAX.CS.HSCSYR.EDU
Subject: New (for me) Hat for Super Sunday...
To: balloon@cvs.rochester.edu
Message-Id: <01I0IY5RNXQG8Y5K39@VAX.CS.HSCSYR.EDU>
X-Vms-To: IN%"balloon@cvs.rochester.edu"
Content-Transfer-Encoding: 7BIT
```

Hi all--

I recently had a client ask if I had a goal post hat for one of their upcoming
events. Well, not being one to say no, I came up with one of my own.
Unfortunately for me, the job got snarled in the red tape. Fortunately,
I now have something for Super Sunday that works great :)

Directions:

1. Take 2 260Qs of team colors or close matches (yellow for gold, white for
   silver for example :) and inflate to 2 1/2 - 3 inches from the end.

2. Fit the hat by placing the nozzle ends pointing in opposite directions,
   and lock twisting the balloons to the head size. If you've ever done
   T. Myers twist hat, do it that way. You will now have a hat with 2 long
   ends pointing up.

3. take both of the long ends and cross them low to the head (about 3-4 inches).
   at the crossing point, take each and make a 1" soft bubble and pinch twist.
   This is about 4-5 inches from the hat.

4. lock twist the resulting bubbles at the low side and stand the remaining
   balloon lengths upright.

5. 2" bubble and 1" soft bubble- pinch twisted in each. These are the
   center pole. Lock twist the pinch twists together and arrange remainder,
   leaving the pinched bubbles on top. This forces the "arms" out straight.

6. a 2"-3" bubble and two 1" pinch tisted bubbles pointing out finish each
   cross bar and the uprights.

This figure is pretty stable, and can fit most folks. One lady who got one
for each team (dallas and pittsburgh) said that the main fan for each side
at their party would have the honor of wearing their teams hat as long as
they were in the lead (or made a TD :)

Can you imagine making these for football games? maybe some little footballs
to have field goal contests with? :)

Later,

Robert.
Sculpted Inflations

Sorry for not getting this out sooner, but I was refining the structure until
today. Hope some of you get this in time to try it :).

```
From lm03_cif@uhura.cc.rochester.edu Wed Apr 29 18:01:41 1992
Received: from gawain.cif.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA18381;
Wed, 29 Apr 92 18:01:34 EDT
Received: from uhura.cc.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id AA00626;
Wed, 29 Apr 92 18:00:29 EDT
Received: from troi.cc.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA18365;
Wed, 29 Apr 92 18:01:18 EDT
Message-Id: <9204292201.AA18365@uhura.cc.rochester.edu>
From: lm03_cif@uhura.cc.rochester.edu (Larry Moss)
Date: Wed, 29 Apr 1992 18:01:18 -0400
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@gawain.cif.rochester.edu
Subject: goofy
Status: OR
```

It's been a whlie since anything has been posted so maybe I can get
something started with this. I also just discovered that there was a
problem with the list. No one ever sent me mail to let me know, so I
assume nobody actually tried to send anything. If you did, sorry 'bout
that.

I'd really be interested in hearing what some of you think of this. This
is going to be rather difficult to explain with limited graphics
capabilities. The head is the hard part. This is what will make the
character recognizable. The head alone requires 2 balloons. The
remainder of the body will use 2 more. All 4 balloons are 260's and
obviously the same color. If you're a purist and don't believe in
drawing on your balloons, I'm not sure this is the figure to make. The
figure does look like goofy without a marker if you know what you're
looking at. The finished product, with the drawing is easily
recognizable and has so far gotten great reactions. Unfortunately, the
complexity is going to limit its usefulness at birthday parties.

The first balloon will be used for the ears, eyes, and hat. Since the
ears have to droop a lot, they should each be about 12-15 inches. Start by
making one ear, then the hat, followed by two huge eyes, and finally the
last ear. To make the hat, twist a 2 inch bubble, followed by 2 ear
twists, and another two inch bubble. Lock twist the bottoms of the 2
inch bubbles.

View of hat from front:

```
                     __ __
                    ( _)(_ )  <-- ear twists
                     |    |
                     |____| <-- 2 two-inch bubbles.  Only one shows from
                                  the front.
```
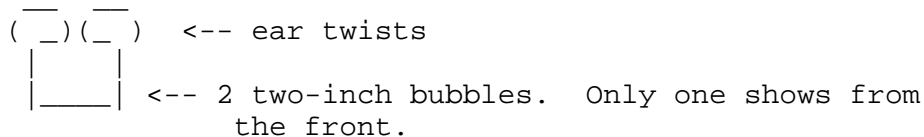
hat from side:

```
                     _____
                    (_____)
                     |  |  |
                      \_|_/
```
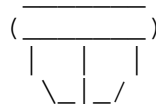
So far you should have:

```
                     __ __
                    ( _)(_ )
                     |    |
                     |____|
                   /  /  \  \
first ear -->   /   /       \   \
```
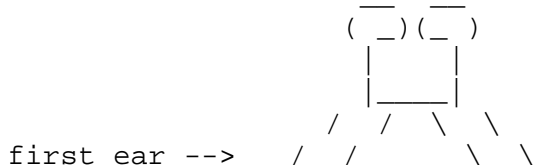
```
       /   /              \   \
                           \   \    <-- remaining section
```

With the remaing section of the balloon, twist two bubbles for large eyes
(3 or 4 inches) and lock twist them so they are just below the hat. The
section of ballon that is left is the second ear. Ideally it should be
the same length as the first. :-) Now, put a bend in each of the ears so
that they droop. It's also a good idea to try to squeeze some of the air
from the base of the ears out toward the end to make the ends a little
wider.

```
                    __  __
                  ( _)(_ )
                   |    |
                _ |___| _
              /   /(   |   )\  \
            /   /   |  |   |   \   \
          /   /     \_|_/       \   \
        /__ /                    \___\   <-- nipple end
         ^
         |
nozzle end  /
```
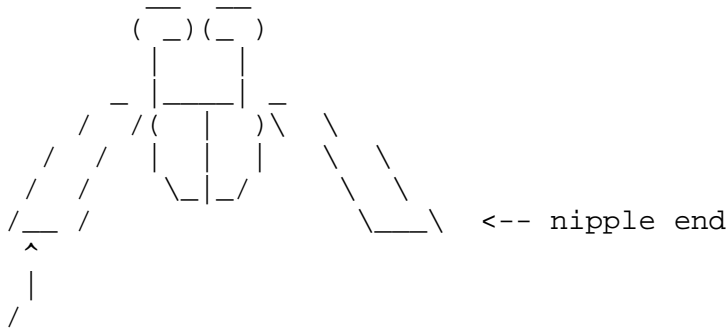
To complete the rest of the face and start the body, take the second
balloon and make a small (about an inch or so) bubble. Then make a loop
out of about a 7 or 8 inch bubble.

```
                   __
   1 inch -->   (__)_____
              / /^\ \ _____   remainder
8 inch loop-> / /    | |
             | |__ / /
              \____/
```
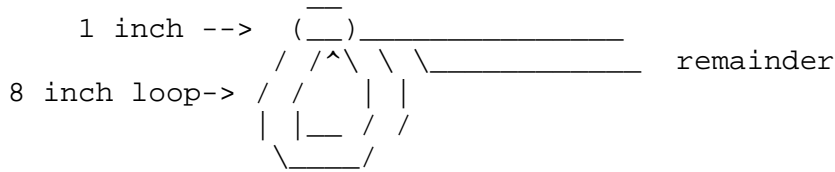
Make another loop just enough smaller than the first so that the top of
it fits tightly inside the large loop. The idea is to keep the 2 loops
connected, but stacked so that the face is narrower at the bottom.

This is what you want it to look like:
    side view -

```
            _  _____
          (_)(_____)
            |_____)
            |  |
            |  |
```
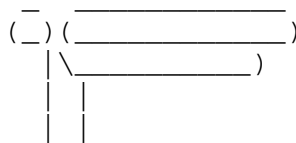
    front view -

```
             _____
           (_____)
            (_____)
              |   |
              |   |
              |   |
```
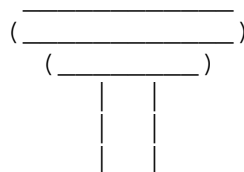
The small bubble on balloon 2 gets slipped completely between the 2 eyes
on balloon 1. This is enough to hold the whole thing together. The
remaining section of balloon is the body. Arms and legs are just added
to the boddy by using one ballon for arms and one for legs. Twist a few
bubbles into each end of the balloons used for arms and legs to form
hands and feet. I don't do anything special here, so be creative. I'm
also willing to take suggestions from anyone that has an idea on making
better hands and feet. These 2 balloons are then just added to the

body.

Here's a finished picture:

```
                        __   __
                       (  _)(_  )
                        |     |
                      _ |_____| _
                   /   /(   |   )\   \
                  /   /  |   |   |  \   \
                 /   |  _\__|__/_   |   \
                /   /  (_____)   \   \
               |___|     (_____)     \___|
                           | |
    ()_____|   |_____()
    () _____)( _____ ()
      ()               |   |               ()
                       |   |
                       |   |
                       |   |
                       |   |
                       |   |
    ()_____|   |_____()
    () _____)( _____ ()
      ()                V                  ()
```
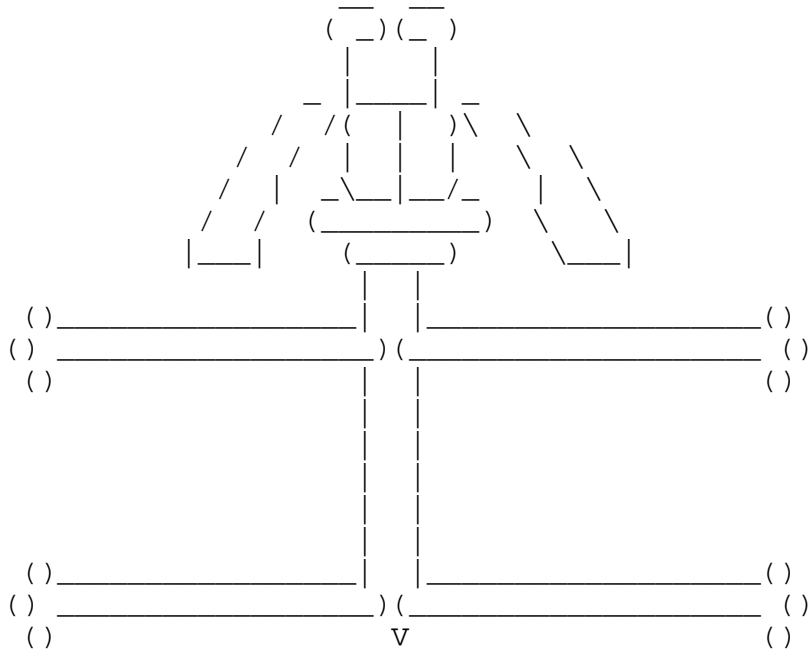
I'm not quite sure how to describe the markings that need to go on it.
If you can find a picture of goofy around you should probably look at
that for guidance. There's a solid band around the hat. The eyes are
very large with pupils that don't come close to filling them. The eyes
also tend to touch each other in pictures. I put a large round nose on
the front of the top loop and a few lines above that to show the wrinkles
in his face. also on that loop, at about the bottom I draw a line across
to represent the top of his mouth and the 2 teeth that he always has
showing. The bottom loop shows his mouth open with a tongue drawn in.

```
                       _____   _____
                      (  ___)(___  )
                        |         |
                      _ |_____| _
                   /   /(       |   )\   \
                  /   /  |  xx|xx  |  \   \
                 /   |  _\_xx|xx_/_   |   \
                /   /  (     ooo     )  \   \
               |   |  \_L_____J__/    |   |
               |___|     (___II___)     \___|
                           |   |
```
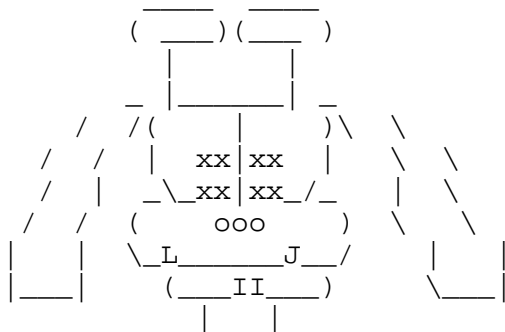
That picture doesn't really do justice to the figure, but it's the best I
can do. Here's a small key:

        x: pupil. I didn't even try to draw the border of the
                  eyes. They basically take the shape of the bubbles they
                  are in.
        o: nose. there should be wrinkle marks above this.
        L, J: teeth.
        I: tongue.

Since all of the disney characters have similar characteristics you could
probably play with this a bit to make the head look much more like donald
duck by eliminating the ears. The two-tier face would make a reasonable

beak. I'm not sure what you would do for a body though.

-Larry

```
From balloon-request@cvs.rochester.edu  Thu Nov  9 10:29:49 1995
        id AA10917; Thu, 9 Nov 95 10:19:47 EST
Date:    Thu, 9 Nov 1995 11:21:16 -0400
From: Mark Andrew Fogarty <aj210@ccn.cs.dal.ca>
Subject: Catching up
To: forum balloon <balloon@cvs.rochester.edu>
Message-Id: <Pine.3.88.9511091038.A9342-0100000@ccn.cs.dal.ca>
```

        I joined this forum a couple months ago and other then a short
question early on, I've just lurked and mooched. You guys have tons of ideas.

        I wanted to add my 2 cents worth (even if they are Canadian
cents) to a couple of things that have been brought up the past month.

        The first is in reference to the Genie as described in "Awesome
Balloons by Flash". I believe it is the most impressive sculpture that I
currently do, and receives the most oooohs & ahhhhhhhs. What I like to
do, because I think the 'lamp' idea is sorta weak, I just do his head and
short neck, and attach it unto a yellow balloon hat. When I am balloon
busking that is the hat I wear because it immediately attracts attention.
If put the genie on a hat, it also lasts longer then in a childs hands,
and an event looks cooler with a bunch of genie hats bob bob bobbin' around
which means more business for me.

        Concerning the needle thru balloon effect, here is my version.
I realize that I may have thought I made this up myself, but probably 23
million other twisters thought of and have done the same thing.
I use my needled balloon effect in my gospel presentations. What I do is
put a 6" red heart inside a 9-11 green round, and these 2 are inside a
16-18" clear round. My presentation is that our lives are transparent to
God, He can see right within us and see our motives, our hearts. I ask
the children what is inside the clear balloon, and they tell mne a green
balloon. I tell them that the clear balloon represents a person, and when
I think of green I think of envy, so the green balloon represents sin in
the life of a person. (Some people use a black balloon to represent sin,
but I caution against it. 1st of all the bible never calls sin 'black',
and 2ndly, your comments can be miscontrued as racist, or cause children
at your meetings to tease darker skinned children, and I wouldn't want to
be the cause of that.)
When somebody accepts Christ as Saviour, I tell them, then I pierce the
clear balloon and bust the green balloon. This leaves me with the needle
inside the clear balloon with the red heart in there as well. I conclude
by telling them that then when a person does die, because all do die, it
is just their body that dies, and I break the clear balloon with the
needle that is already inside the clear balloon, and I tell them that
what is most imnportant is still there, our hearts coverd by the blood of
Jesus Christ.
I have never seen anybody else do this triple stuffing idea, but I sure
there are many who do. I just thought I would share it. By the way, I use
T Meyers needle and wand, really like it alot.

The clown nose idea is very much like a fishing rod found in "Dewey's
Zany Balloons" Ralph takes a bee body, inflates it half full, and does a
basic apple. He then twists the apple in half horizontally. This gives
the reel for the rod, and the 'apple stem' sticks out to be the crank for
the reel. I sure that the rod needs no explanation. I've used this often
for fishermen with great response.

        Next topic very quickly is concerning balloon prices and sales.
Somebody asked if there was any other balloon venders on the forum. I do
sell balloons but it would probably be only of interest to Canadian

twisters. In my area it can be tough to get a good price on balloons, and to get things such as the 350's, 321's, geo's etc... you gotta order them from the States and pay through the nose at the border and add about 35% on the exchange rate. I got frustrated with this and started my own balloon sales. If I can be a retailer I get a better price for myself, and I can in return offer it lower to fellow twisters. This does not pay the rent, my entertaining pays the rent. This gives me freedom in having the balloons I want at the price I like. 1 gross of 260's is $8.75 plus p.s.t.. 10 or more gross and it's $8.25. I also will sell 350's, 321's, hearts, clear rounds, geo's, in bundles of 25 for the uninitiated to experiment with. With every one of my orders I toss in a 350, geo, and bee body because in our area very few use them and are afraid to order a whole gross. I also do it cause I wish somebody would have done the same to me when I was learning.

   I hope this wasn't too long, jsut wanted to cover several things that have been tossed around lately.

Mark Fogarty
4 Mandaville Ct. Apt. 8
Halifax, N.S.
Canada
B3M 3H6

```
From balloon-request@cvs.rochester.edu  Fri Nov 10 09:35:10 1995
        id AA25402; Fri, 10 Nov 95 09:32:22 EST
Date:    Fri, 10 Nov 1995 10:33:44 -0400
From: Mark Andrew Fogarty <aj210@ccn.cs.dal.ca>
Subject: triple stuffing
To: forum balloon <balloon@cvs.rochester.edu>
Cc: steve@theatrefx.com
Message-Id: <Pine.3.88.9511100912.A23984-0100000@ccn.cs.dal.ca>
```

        Earlier on I posted about a gospel effect I do with the needle
thru balloon. I 'triple stuff' my balloons, and some have wondered how
difficult it is. I'll explain what I do, but the great thing with this
forum is that by next week, the technique will be refined and perfected
by everyone on the forum who already do it and send in their cmments.

        I start by rolling the neck of the green balloon down a bit and
then shoving the 6" heart into it. Then I roll down the neck of the clear
balloon and shove the green balloon (containing the heart of course) into it.
To infalte them, I first blow the clear balloon up about 1/2 full by
mouth. While keeping the neck pinched off so that air does not escape, I
blow air into the green balloon (not the red heart inside the green one
though) till the green ballon is a bit larger then the heart will be
fully blown up. Once that is done I start to blow puffs of air into the
heart. I take my time with the heart because it is by far the most
fragile of the 3 balloons. I like to stand and hold the entire thing
infront of a bright light, say like the sun, and then I can see the red
heart taking shape inside the green balloon. This allows me to judge how
much more air needs to go into the red heart. What I find I have to do
while puffing air into the heart is that after every puff I grab the
entire neck of the balloon, pinching off all 3 balloons, and with one
hand against the nipple end of the large clear balloon, I push with the
hand that is pinching off the 3 necks till the green balloon inside is
in contact with the nipple end of the clear balloon. What this does is to
free the heart up from the bondage of the neck of the green balloon. You
can definately feel the red balloon get freed up. I continue this puff
and push until I see that the red heart is inflated enough. I then tie
off the red heart and hold it withthe rest of the necks. Then I inflate
the green balloon till it is full (I do not want the green balloon to slack
because then the needle may 'magically' pass thru it as well and that is a
drag), and tie it off as well. Then I inflate the clear balloon up till
it is fairly full, I find that the 18" clear rounds can be quite full and
I've never had a problem with them breaking. To slack I I believe it both
looks to easy, and also the balloon loses that nice clear look that is
important to the gospel illustration.

        So that is my way of doing it, any body else got a way, or an improvment.

        As to is it difficult, the first couple of times I broke the
heart, or abuse the green or clear so bad they broke. By after getting 'a
feel' for what I was doing, now I have no problem doing it. The only time
a problem is met is when the red heart will break to easy inside while
I'm arranging things. But I find that you come accrossed heart balloons
that seem a touch weak anyways.

        Hope this is helpful.

        Mark Fogarty

```
     .---.        .-----------
    /     \  __  /     ------
```

```
    / /       \(  )/      -----
   //////    '  \/  `    ---
  //// / // :     : ---          they shall soar
 // /   /  /`      '--        on wings like
//           //..\\         eagles (Isaiah 40:31)
      ----UU----UU---------------------------
          '//||\\`
           ''``
```

```
From: chris.maxwell@backtrks.com
Date: Sat, 08 Jun 96 15:04:42 -0600
Subject: Gospel Balloon
To: balloon@fooledya.com
```

Here's one of my favorite Gospel Balloon 'things' that I do.

All you need:
One balloon and one needle (preferably one that is five or so inches long,
check out your local sewing supply store, my needle is five and a quarter
inches long and is called a doll needle).

Presentation:
Take the balloon in one hand, show the needle in the other, and then drop the
needle (point first) into the uninflated balloon (don't shove it in, because it
could puncture one of the sides). Once the needle has fallen all the way to the
bottom of the uninflated balloon, you can ask someone if they would like to
blow (no pun intended) it up for you. Once they decline, proceed to inflate it
leaving enough uninflated at the end to hide the needle. Point out how
dangerous sin is in a Christian's life, and how important it is to remove it.
One of the most damaging items to the health of a balloon is a needle. Show how
the balloon looks just fine on the outside, but, on the inside is the needle.
We, as Christians, often like to look good on the outside but can be full of
sin on the inside. However, point out that if we are faithful in confessing and
forsaking our sin, God will remove it from us. The next part is the easiest,
simply pull the needle out of the uninflated end of the balloon. Once we have
forsaken our sin, though, if we allow it back into our lives it will be much,
much, harder to get rid of and can cause great damage - then you 'try' to put
the needle back into the inflated portion of the balloon, and the results are
obvious (and loud). One note: when popping the balloon at the end, make sure
you hold the needle firmly.

Christopher
chris.maxwell@backtrks.com

Date: Sat, 10 Aug 1996 11:07:36 -0300
From: Mark Andrew Fogarty <aj210@ccn.cs.dal.ca>
To: Balloon Forum <balloon@fooledya.com>
Subject: Gospel transformer balloon

I don't often post, I guess I'm more of a moocher and lurker then a
poster. But here is something that I came up with a couple years ago that
I use very often in my Christian presentations. I find it simple, to the
point, and what I like best about it is that it has a surprise ending
that drives the point home. Just remember this, when I say that I came up
with this myself, I am being as honest as I can be. However I am not so
gullible as to think that none of you out there has done the exact same
thing only better.

Here is the sculpture (it's very basic) and then the patter.

1 red 260, tie a knot at the nipple end. Inflate leaving about 2 inches
uninflated at the knot/nipple end. Twist the following: ear twist 1"
bubble, twist 2 5" bubbles, then 3 1" bubbles, then 1 5" bubble. Lock
twist the nipple side of this last 5" bubble between the previous 2 5"
bubbles. Now ear twist bubbles # 1 & 3 of your 3 1" bubbles. Finally with
the remainder of your balloon (should be about 12") twist a 1" bubble
next to the knot and ear twist it.

What you have when you "fluff" it up should look like the letter "Y". Now
when you break the middle of the 3 1" bubbles and position the arms
right, you should have a cross.

The patter:

I like to tell kids that with this one balloon I am going to make the
answer to all major questions in the world. I really play this up. I even
tell them to try and guess what I am twisting. (the funny thing is that I
always hear things such as dog, poodle, sword, etc. things they expect a
balloon twister to make, as if a dog would be the answer to every major
question in the world)
After I'm done twisting, and interrupt their guessing, I hold up the Y
and ask them what it looks like. They say "Y" and I say "because I want
to know, what does it look like?" and they say "Y" louder, and I say
"because.." you get the picture. I usually only do this twice, but each
group of kids is different.

Well once I realize that what their telling me is true, that I've made a
Y, I admit to them I've made a mistake, instead of making the answer to
every major question in the world, I've made a question. I explain to
them that many important questions we have begin with the word "why".
Very important questions such as "Why is the grass green, and the sky
blue?" Why do I have to clean up my room? "Why do dogs smell then their
wet?" Also things like "Why am I here on the earth?" and other questions
that begin with where and who and what, which make me think of "Where am
I going?" Who should I be following?, What should I be doing?

I then set the Y to the side and go into my gospel questions magic show.
Near the conclusion I once again pick up the Y and say "you know how I
said that this balloon would be the answer to every major question in the
world, but it ended up being a question instead? Well, it actually was
the answer." And I break the bubble, and show them the cross and quote
John 14:6 Jesus said, "I am the way, the truth, the life, no man gets to
the father except through me"

Hopefully some of you may find this useful. The sculpture itself is very

simple to do. If I give the cross out to a child after the show, I make
sure that I untwist and tie off the 2 ear twists on the cross arms. This
way the balloon will not deflate on them in 5 minutes.

```
       .---.          .-----------
      /      \    __   /    ------
     / /      \( )/   -----
   //////    ' \/ `   ---
  //// / // :     : ---           they shall soar
 // /   / /`     '--         on wings like
//        //..\\         eagles (Isaiah 40:31)
      ----UU----UU----------------------------
          '//||\\`
           ''``
```
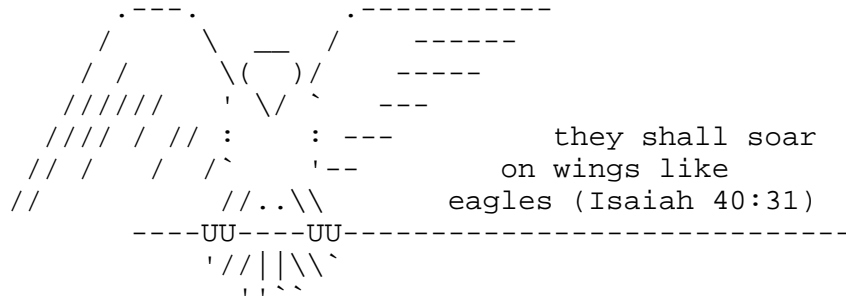
BALLOON'S R ME
Mark & Melissa Fogarty
35 Pope Crescent
Lwr. Sackville, N.S.
Canada B4C 2A6
aj210@ccn.cs.dal.ca
(902) 452-7773

```
Date: Sat, 18 May 1996 11:49:16 -0400 (EDT)
To: balloon@fooledya.com
From: Dan Guterman <guterman@mail.accent.net>
Subject: Tuxido Man (gramps)
```

View in Courier
```
##################
# Tuxido Man Hat #
##################
```

Before I start an explanation let me define some of fine "treminoology".
When I refer toa 3inch loop twist, I don't mean a 3inch bubble loop
twisted,what I mean is a loop twist with a 3inches on each side. Such as this:

```
                    _____
                                           /  |  \
      3inches on this side ->             |   |   |      -> 3inches on this side
                                          |   |   |
                                          \_  |  _/
```
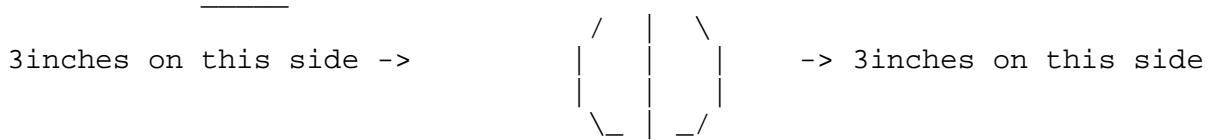
So now we are ready to start. The Tuxido man is divide into 3 important parts.
1)The Head and eyes (2 balloons)
2)Body and Bowtie   (2 balloons)
3)Arms and hair   (2 balloons)

The Head and eyes:
        We will be using one pink balloon for the head and one white balloon for
the eyes. First
lets start with the head. This is the sculpturing summary for the head:
```
  _  ____  ___  ___  _  _____  _____
*(_)(____)(___)(___)(_)(_____)(_____)----------
--------------
          \___/\___/\_/_____/
```
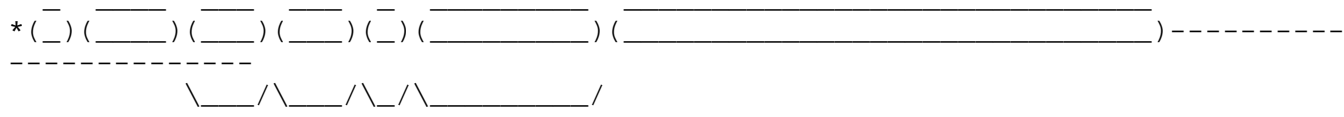
Explanation:
Inflate the pink balloon leaving about 2inches uninflated. Twist a 1inch
bubble followed by a
2inch bubble for the back of the head. Twist a 1.5 inch (on each side) loop
twist bubble for
the right cheek.Followed by the same thing for the left cheek. Twist a 1inch
bubble then
ear-twist to form the nose.Now twist a 2inch (on each side) loop twist. The
remainder will be
the neck. If the head tilts back or forwards for some reason you may want to
make a 1inch ear
twist bubble and position it whereever it helps to keep the head straight.

Now for the eyes, inflate a white balloon about 8 inches. Tie the nozzle of
this balloon around
the base of the back of the head. Twist a 2inch bubble and lock twist it to
the one inch bubble
of the pink balloon(first bubble twisted).You have just created te left eye
, now bring the
balloon down back towards the base of the back of the head and lock twist it
there. That creates
the eyes, deflate and tie off the rest of the balloon.

The Body and the Bowtie
        To create the bowtie pick any of your favorite color, in my opinion red
goes best.Here is

the summery for the bow tie.

```
   ____  _  ____  _  _____
 *(____)(_)(____)(_)(_____)-----------------
  \____/\_/\____/\_/
```

Explanation:
Inflate the red balloon leaving about 4 inches uninflated.Make a 1.5inch (on both sides) loop
twist followed by a 1inch ear-twist followed by another 1.5inch loop twist.Now make another
1inch ear twist and position it directly behing the first ear twist.Mesure about 1.5 inches away
from the mouth (last loop twist of pink balloon)and twist the bowtie on. You can the deflate and
tie off the rest of the pink balloonn now.

Now for the tux. Completely inflate a black balloon ,but give it a good burp so that it becomes
soft.Twist the nozzle of the black balloon under the bowtie lock twisting it with the base of
last ear twist from the red balloon.After you've done that make a 1inch ear twist in the red
balloon position it to the back just under the nozzle. Now lock twist the two ear twist at the
back of the bowtie to secure the nozzle of the black balloon.Twist two 2inch bubbles in the
black balloon and lock twist them together.Make a third 2inch bubble and push it through to
create a bird's body.Twist a 1.5inch bubble for the left leg followed by a 1inch ear twisted
bubble for the toe. Now this is the confusing part , around 3.5 inches from the end twist a 1
inch ear twist followed by a 1.5 inch bubble for the right leg.The remainder of the balloon is
lock twisted around the intersection between the left leg and the bird body. Deflate the
remainder and tie it off.Now take the remainder of the red balloon position it so it sticks out
the back .Make a 8inch bubble and twist it to the back of the loop formed by the two legs. This
creates a support to keep him up straight.

The Arms and the Hair
          Inflate a black balloon leaving 4 inches of uniflated balloon.At the nozzle end
twist a 1inch bubble for the finger and a 1inch (on both sides) loop twist for the thumb.Twist
a 1inch eartwist 4inches away from the thumb. Twist a 6inxh bubble followed by a 1inch ear
twist. Twist a 4inch bubble followed a 1inch(on both sides) loop twist. Twist a 1inch bubble
and get ride of anything after it. Find the middle of that 6inch bubble you twisted.Tuck this
twist behind the bowtie it will be enough to hod it in place.

Now for the hair.I like white for this because he is suppose to be an old man.But when Qualatex
xomes out with gray I think I'll switch to that. Infale the balloon about 9inches.Wrap the
nozzle around the base of the eyes.Position the white balloon so it is directly behing the 2inch

pink bubble(back of the head). Twist a 2inch bubble and lock twist with the
1inch pink bubble.
Make a 1.5 inch (on both sides) loop twist and position it to the
left.Repeat what you just did
but this time position it to the right.Bring the rest of the balloon back to
the back of the
head and lockk twist it there. deflate and tie the rest of this balloon.

*****WOW***********
I actually finished......well not quite

Finishing touches
        I ussualy like drawing sleepy eyes on Gramps. Add a couple of lines at each
corner of
Gramos eyes.If the loop does not fit your head you can put it on a balloon
and tie it to your
stand. I even have some routines with Gramps but am to tired to post them
now. When I do
birthday parties I introduce myself as the Balloon Nerd and introduce Gramps
as Sammy Smith my
illustrious assistant who is too tired to do almost anything.

If you have any question , comments , or if your having a bad day and just
want to critize
E-mail me.

        In anycase enjoy your weekend,
            The Balloon Boy
            Dan Guterman

```
From moss@cvs.rochester.edu Sat Feb  5 20:31:45 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA12492
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sat, 5 Feb 1994 20:31:45
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.1)
         id AA11239; Sat, 5 Feb 94 20:30:16 EST
Message-Id: <9402060130.AA11239@cvs.rochester.edu>
From: moss@swift.cvs.rochester.edu (Larry Moss)
Date: Sat, 5 Feb 1994 20:30:16 EST
Organization: very little
X-Mailer: Mail User's Shell (7.2.1 12/20/90)
To: balloon@ent.rochester.edu
Subject: balloon caricatures, Groucho Marx and balloon news
```

A long time ago I was given the suggestion of using balloons to do
caricatures of famous people. I thought the idea was rather amusing but
didn't think it was particularly practical. By accident I managed to
make, what looks to me and a most of the people I've shown it to, Groucho
Marx. I'm now back on the idea of coming up with a collection of
caricatures. Does anyone have any suggestions?

Caricatures are probably going to require a bit more variety in the types
of balloons used. At least I have a random assortment of balloons on
order right now. Here's the 'news' part of this note. With the last
issue of True Inflations, which arrived just recently, there was some
information about new balloons on the market. There's a new company,
Prestige, that's now selling 260s. They also have a new size that you
may find interesting: 360s. If you like airships but don't find them
long enough, these should do it for you. I talked to Jim at T. Meyers
Magic when I ordered the stuff. He said he likes the Prestige balloons.
I'll give my opinion of them after I have a chance to play with them.
Jim also said that there is a company now selling spaghetti balloons
(130s?) again, but I didn't get the name of the company. When I called
they were still waiting for them to show up.

A sketchy description of Groucho (actually I didn't put hair on it, so it
may just be a bald guy wearing Groucho glasses):

You need 3 6" hearts and 2 skinny balloons (I used 260s but anything
shorter will do).

Inflate one heart for the head, leaving some space in it so you can make
a twist. Twist one lobe of the heart several times so it will stay.
This forms the nose.

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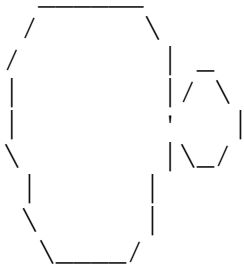
To make the glasses inflate a 10 inch bubble in one of the 260s. On the
nozzle end of the balloon twist a 1 inch bubble. While holding that,
twist a 3 inch bubble at the other end. Lock twist these two bubbles.
Bring the twist to the opposite end of the loop and twist that together
forming a figure 8 with two bubbles sticking out from the middle.

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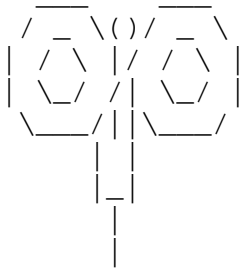
Tie the nozzle to the tail of the balloon about 1/4 inch from the end of
the bubble. To make the eyes push the one inch bubble into one side of
the glasses. make another one inch bubble on the other end of the
balloon and push that into the other side of the glasses. the remaining
two inches of bubble is the mustache. Place the glasses and mustache
around the nose on the first balloon.

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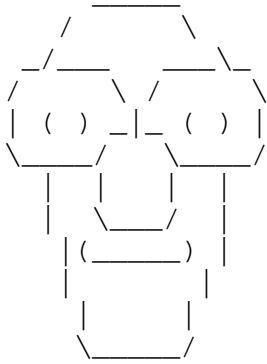
[Hmm, that doesnt' look much like Groucho, but I'm sure you get the idea.]

Now, with the remaining balloons, make a bow tie. This, by the way, is
very useful for those occasions when you get to a show and discover you
forgot your own bow tie.

Inflate the remaining 2 heart balloons and tie their nozzles together.
Inflate a 3 or 4 inch bubble in the 260. Place the small bubble on the
260 around the connected nozzles of the balloon and twist together in
back. Tie the end of the tail to the nozzle of the balloon so you have a
loop to slide over the bottom of the head.

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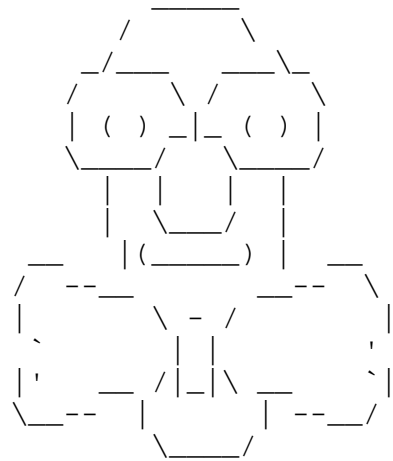
For better eyes:

Make the glasses with just a figure 8 leaving only a long enough bubble
for the mustache. Each eye requires 2 balloons. One of the balloons for
each eye should be white. Take the non-white balloons and make small
balls. To do this inflate a small section of balloon. Make a 1 inch
bubble and push it inside the rest of the balloon as if you were going to
make a meatball. Pop the outer bubble. This will leave just a 1 inch
ball. Now inflate the white balloons a small amount. Push the ball you
just made inside the bubble (meatball again) and pop the white balloon.
This just puts another layer of latex over the ball you made before. Cut
off the tail of the white balloon and push back the white latex just a
bit so the colored eye ball shows in one spot. Now just insert these
eyes into the glasses.

Larry

```
From balloon-request@cvs.rochester.edu  Wed Feb 28 21:00:15 1996
        id AA08961; Wed, 28 Feb 96 20:55:19 EST
Message-Id: <1.5.4b11.32.19960229020034.0069da40@azstarnet.com>
Date: Wed, 28 Feb 1996 19:00:34 -0700
To: balloon@cvs.rochester.edu
From: ybyb@AZStarNet.com
Subject: 130's
```

I use 130's for lots of different things. Anything you make out of a 260
can be made from a 130! One of my favorite things out of a 130 is
"Hairbear". Hairbear is a teddy bear face, no neck and a short, chubby,
roll-through body, probably about 1 to 1 1/2 inches long, followed by two
small fold twists. Pinch some hair in the roll-through and it holds in
hair...voila, hairbear!
Little girls love this, big girls do too! Older girls like them pinched on
the front of a sweater or blouse for....u guessed it, Wearbear!

You can make any animal like this and pinch it onto somewhere....for boys i
do teeny scorpions that pinch onto their tee shirts.

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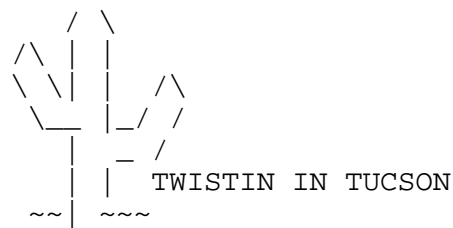
```
From balloon-request@cvs.rochester.edu  Wed Apr 10 23:10:06 1996
        id AA15377; Wed, 10 Apr 96 23:05:38 EDT
Message-Id: <199604110302.UAA22470@gemini.adnc.com>
Date: Wed, 10 Apr 1996 19:22:24 -0700
To: balloon@cvs.rochester.edu
From: danlorna@adnc.com (Dan Curtis or Lorna Paris)
Subject: Re: hat on a swan

>I was thinking that it would be fun to make these little hats out of paper
>to use when making balloons for kids.  Hat on a swan, bear, dog......

I make balloon hats for my balloon animals using 130's.  Everyone at the N
Cal get togather got to see my 260 cat wearing a 130 hat with a mouse
hanging from it.  Put this one on a standard helmet hat and watch the laughs
rol in.

Lorna
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From balloon-request@cvs.rochester.edu Fri May 12 14:21:27 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA00960
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Fri, 12 May 1995 14:21:27
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA29129; Fri, 12 May 95 14:10:31 EDT
Resent-Date: Fri, 12 May 1995 11:10:22 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Fri, 12 May 1995 11:10:22 -0700
Message-Id: <199505121810.LAA27605@mailhost.primenet.com>
X-Sender: clydep@mailhost.primenet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@PrimeNet.Com (Clyde & Arlene Powers)
Subject: Hello
Resent-Message-Id: <"DKSEr3.0.277.MIwil"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/238
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Larry,
The Rudolph is a good Christmas balloon, so you have plenty of time to post it.

Mike,
Welcome to the balloon line. It has been really active until lately, I think
everybody is just busy ballooning or something. I haven't found a clown line
yet, if you find one let me know. I heard there is a discussion group on
America on Line or one of the services on Sunday afternoon, but am still not
computer literate enough to know if I can get into it with out being
subscribed to the service. Everyone is basketball crazy here now, and our
team (Phoenix Suns) colors are purple and orange. Hoop hats are really hot
now and we use a five inch round orange balloon for the basketball. In a
busy situation we just make the hoop, and in time friendly situations, we
make a backboard on the hat too.

Just clownin around
Arleenie

From balloon-request@cvs.rochester.edu Mon Sep 25 16:27:33 1995
         id AA15933; Mon, 25 Sep 95 16:18:58 EDT
Subject: Re: Chocolate balloons
To: NOSTALGIA1@aol.com
Date: Mon, 25 Sep 1995 15:45:41 -0400 (EDT)
From: "Steve Hayden Brown" <steve@po@smokin.cvs.rochester.edu>
Cc: balloon@cvs.rochester.edu
In-Reply-To: <950924173604_28033431@mail06.mail.aol.com> from "NOSTALGIA1@aol.com" at Sep
24, 95 05:36:06 pm
Reply-To: steve@theatrefx.com
Organization: Theatre Effects, Inc., Hagerstown, Maryland
Content-Length: 1420
Message-Id: <9509251545.AA04459@smokin.UUCP>

Bruce writes:
> You're absolutely right! use a pump. What's nice about putting kisses or
> those chocolate balls is that when you push it in, the balloon creates a (if
> you will) condom that protects the balloon from popping because of the foil.
> I tell the kids not to pop the balloon for the candy or else the candy will
> pop! Wait and ask mom or dad to get you the candy "carefully".
>
> My favorite time of the year is the day after Easter when all those chocolate
> kisses and mini eggs are 75% off! Those chocolates freeze easily and last for
> months.
>

I had a semi-cool idea this weekend... Temp. got noticeably cooler,
football's in full swing, and a family came by the restaurant that
comes pretty regularly just about every weekend...

I made a hat on the spur of the moment that I like a lot... I hope it's
original...I've never seen it in print...

I put a quarter in an 11" clear balloon, blew it up and attached it to the
top of a basic helmut type hat..(also added a piece of a second 260 to go
from side to side on the helmut as extra support....)

I told them that they could now go to football games and take part in the
coin toss..... jump up and down ... call it in the air.... should be
perfectly fair, 'cuz the wearee can't see the coin to influence how it
falls...

I don't know if I would do this all the time, could be expensive, but I like
the idea.....

-steve-
steve@theatrefx.com

```
From balloon-request@cvs.rochester.edu Mon Jul 31 14:38:34 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA18879
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 31 Jul 1995 14:38:34
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA12339; Mon, 31 Jul 95 14:39:19 EDT
Resent-Date: Mon, 31 Jul 1995 13:38:55 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Mon, 31 Jul 1995 13:38:55 -0500
Message-Id: <199507311838.AA04821@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Re: Crown
Resent-Message-Id: <"X4TId3.0.j03.LDI7m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/461
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

>On august the 20st it's my little girls birthday. I want to make here a
>nice balloon crown that she can wear. My question is: has somebody of you
>ever done something like that, so yes ... can you explain it to me how to
>do it.

Benny, I came up with the following crown a few years ago. It is great for
birthday parties, or for when you want to make a king and queen out of a
couple (use the 3-balloon braided hat for the queen).

Crown Hat

You need 2 260's. I usually use red and white. Leave a 4" uninflated nipple.

ET = ear twist. Lines denote where to lock bubbles together.

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 |     _____/     ___/     _____/     ___/      balloon together
 |    /            /         /            /           to size crown.
(1)(_5_)(_4_)(1ET)(_4_)(1ET)(_5_)(_4_)(1ET)(_4_)(1ET)...
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If you are really good, you can adjust the "5" inch bubbles to
exactly the right length so that the crown fits perfectly without
the little "cheater" adjustment balloon in the back. This is a
great looking hat partly because of the alternating colors of the
headband and crown points.

Mark (who's been making so many lobsters with the modified tail lately that
he's out of red balloons!)

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From balloon-request@cvs.rochester.edu Tue Aug  1 11:06:27 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA19555
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 1 Aug 1995 11:06:27
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA24897; Tue, 1 Aug 95 11:07:04 EDT
Resent-Date: Tue, 1 Aug 1995 11:06:56 -0400
Old-Return-Path: <PsychGuy@aol.com>
Date: Tue, 1 Aug 1995 11:06:56 -0400
From: PsychGuy@aol.com
Message-Id: <950801105713_127786340@aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Crown
Resent-Message-Id: <"rr4sT1.0.y46.NCa7m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/463
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Benny,

In the event you want a simpler crown than the great one suggested by Mark,
try this one. 3 260's, two yellow (gold), and one red (for the "rubies" in
the crown). First make a "sweatband" type hat. Simply align the balloons,
start at the nipple end and twist all three together, and continue to make
two inch twists (holding on to the tied ends) until you get the size you
want. Twist so the jewel is in the front. When you get the size you want,
twist the ends together and deflate the remain balloon ends. Then make
several "tulips"...you know inflate a 260 a couple of inches, push the tied
end with your finger through the inflated balloon into the uninflated part,
grabbing the knot and twisting the inflated part (yellow for boring
consistency and definite crown look or different colored balloons for a more
fun look). Then slip these tulips between the spaces of the "sweatband" at
equal distances and cut the danglingly loose ends. This uses several
balloons, but is very easy and quick to make and looks great!

Marc

```
From balloon-request@cvs.rochester.edu Tue Aug  1 14:54:50 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA19934
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 1 Aug 1995 14:54:50
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA02110; Tue, 1 Aug 95 14:54:25 EDT
Resent-Date: Tue, 1 Aug 1995 13:54:03 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Tue, 1 Aug 1995 13:54:03 -0500
Message-Id: <199508011854.AA10425@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Re: Crown
Resent-Message-Id: <"z2GHa.0.vW.VXd7m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/466
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
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Re crown variations -

This is probably right up Marvin's alley...

How about someone making a realistic looking crown - the fancy kind with
the red colored "beanie" portion surrounded by a jewel filled,
multi-pointed crown. Maybe even with the little 130 cross on top. The
beanie portion could be made like Marvin's awesome looking football
(pictured on the web page). Hmmm, or maybe a quicker way with a 6"Geo
Blossom (hole oriented in the vertical) for the beanie with 130's running
from the multi-pointed crown to the top(center) of the crown, with the
130's laying in the depressions (in between the "petals") of the blossom.
I'll look into this this weekend if someone doesn't beat me to it.   :-)

Mark

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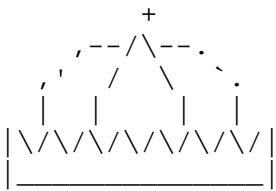
```
From balloon-request@cvs.rochester.edu Tue Aug  1 18:20:01 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA20115
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 1 Aug 1995 18:20:01
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA06058; Tue, 1 Aug 95 18:20:46 EDT
Resent-Date: Tue, 1 Aug 1995 15:20:37 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Tue, 1 Aug 1995 15:20:37 -0700
Message-Id: <199508012220.PAA03037@mailhost.primenet.com>
X-Sender: clydep@mailhost.primenet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@primenet.com (Clyde & Arlene Powers)
Subject: Crown
Resent-Message-Id: <"pFIZf1.0.XU1.zYg7m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/468
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

A twister here Wally, taught me the Imperial Margarine crown. Make a helmet,
then inflate two 260's leaving a one inch tail, find the center of each
balloon and lock twist together. Lock twist each of the four 'legs' to the
helmet one inch from the end of the "leg". The point where you lock twisted
the two balloons together is now at the top of the crown, inflate a heart
and tie at this point, then lock twist about three inches below the heart.
What really makes this crown is to shape it by folding the' legs' at about
the halfway point between the helmet and heart. Make someone Queen for the day!
Beenie

From balloon-request@cvs.rochester.edu Wed Nov 1 13:40:11 1995
        id AA09025; Wed, 1 Nov 95 13:25:35 EST
Message-Id: <9511011826.AA5654@msi-gateway1.metropolis.com>
To: balloon <balloon@cvs.rochester.edu>
From: Dennis Dawson/MSI
  <Dennis_Dawson@msi-gateway1.metropolis.com>
Date: 1 Nov 95 10:24:34 EDT
Subject: Re: Casper Hat

Larry Hirsch requests:

> I am not familiar with the Casper hat. A description would be helpful.

Here's Lorna's Post from early in October (Mark! We need to remember to add
this to the Sculptures in Messages List!)

 >Subject: A Basic Genie/Ghost

>Did anyone see my ghost post last September? My genie is the same as
>my ghost, only light blue.

>I just blow-up a curly-Q (around my finger), let out a bit of air, and twist
>a 1 1/2 inch bubble for the head.

>Then, I add a 3 inch bubble, and a pinch-n-pop series and another
>3 inch bubble, and then lock-twist the 3 inch bubbles together just
>under the head. These are his arms.

>Draw on a face...I like to add a goatee, like the genie in Aladdin.
>The knot serves as his tassle and the curve of the body insinuates
>that he's appearing out of this air.

>Try tying him (or the ghost) to a fishing pole hat at the end of an
>uninflated balloon, and watch him fly around in front of the child's
>face. Also, this makes the child less likely to pop the pinch-n-pop
>arms, by playing with them, because he won't even be touching the
>figure.

>PS the ghost looks great in white and diamond.

I asked the kids whether they wanted Casper or one of the cousins. For Casper,
I found that forcing the air back into the nipple end gave him the juvenile
enlarged cranium and it looked more like him. For the brothers, I twisted the
head bubble quickly to keep it smaller at the nipple end. (I couldn't remember
all of the cousins- what is it Stretch, Stinky and Fatso? I dunno. It's like
the ninja turtles and the power rangers - I don't keep track of who's which
color, the kids always tell me in no uncertain terms.) A frown for Stretch, a
sly grin for Stinky and chubby cheeks for Fatso. I've found that the trick
with face painting, drawing on balloons, etc. is minimalism - suggesting the
character with a few quick strokes is better than adding a lot of detail,
because the medium in which we work prevents precision and precludes
persistence. Casper, of course, has big eyes, a turned-up nose and a smile.

After that, I wrapped the balloon around the kid's head and had a hat. I made
some in the fishpole model, but the festival was kind of cramped and some of
the hats were getting in other people's faces, so I toned them down. If I
succeed in the balloon world, it's only because I'm standing on the inflations
of others....

** Off-topic, but I waited until I could attach it to a legitimate message **

We did a live Hallowe'en show last night over at the Cable Access station, and
I got to run the "games."

Dirty Sock Relay - I put chocolate sauce on some of my old (but clean) socks
and had the kids run to a bucket, pick up a sock in their teeth bring it back
to another kid who took it in his/her teeth, then ran back and spit it out. I
made it look like I took a pair off on the spot and used it (of course, I
switched them).

Guess What's in the Punch - I used an off the shelf brand of punch that I know
has a weird flavor. I had the cameraman get a closeup of the kids as they
tasted the strange stuff. I purposely seeded some of the kids with answers
like Kitty Litter and Benzine, and had the guy running the character generator
put up their answers as if they were correct. Purely entertainment for the
viewers at home (both of them).

For the last game I talked nostalgically about Hallowe'en when I was a kid. My
favorite game was bobbing for apples, my favorite candy was Tootsie Rolls, and
my favorite part of Hallowe'en was coming home to a mug of warm apple cider.
So, I combined all three into the fun game, "Bobbing for Tootsie Rolls in Apple
Cider." The visual was quite disturbing (bobbing for brown cylinders in yellow
liquid), and it was hilarious to see the kids plunging into the murky depths to
get to the Tootsie Rolls, which don't float.

In this generation of "Guts," "What Would You Do?" and "Ren and Stimpy," there
are all kinds of twists we can put on the old games to make them seem new.....

Happy All Saints Day!

--> Cap'n Denny (the Red Flash) <--
"You know why Cap'n Denny's having so much fun? I just got 12 kids to do
something I'd never do on a a bet!"

```
From balloon-request@fooledya.com  Wed May  8 01:43:22 1996
Date: Tue, 7 May 1996 22:21:44 -0700 (PDT)
Message-Id: <199605080521.WAA18297@germany.it.earthlink.net>
To: balloon@fooledya.com
From: Kyle Waltz <kylejwaltz@earthlink.net>
Subject: balloon hat
```

I just came up with this simple but very effective balloon hat. Not sure if
anybody allready makes it, but I'll post it anyway. Maybe you can use it
for Mother's day.

Balloon Heart Hat:
3-260s anycolor

Blow up the first and twist into simple helmet.

Blow up the next all the way, give it a couple of burps. Make one big loop
and twist it on the front part of the helmet.

Blow up the last all the way, give it a couple of burps. Twist into large
loop, but intertwine it into the first loop. Attach it to the same spot on
the helmet.

Bend the two loops into hearts using your palms.
Presto, an easy, cute two large hearts hat. I find all the girls just love
this one. Simple, fast and very effective.

- Kyle
  kylejwaltz@earthlink.net

```
Date: Fri, 5 Jul 1996 16:40:31 -0400
From: Garry Gardner <104267.444@compuserve.com>
Subject: Re:U.S. Hat
To: Balloons <balloon@www.fooledya.com>
```

OK, Chris, you're really going to tax my ASCII art ability.

Top of hat before sides are made:
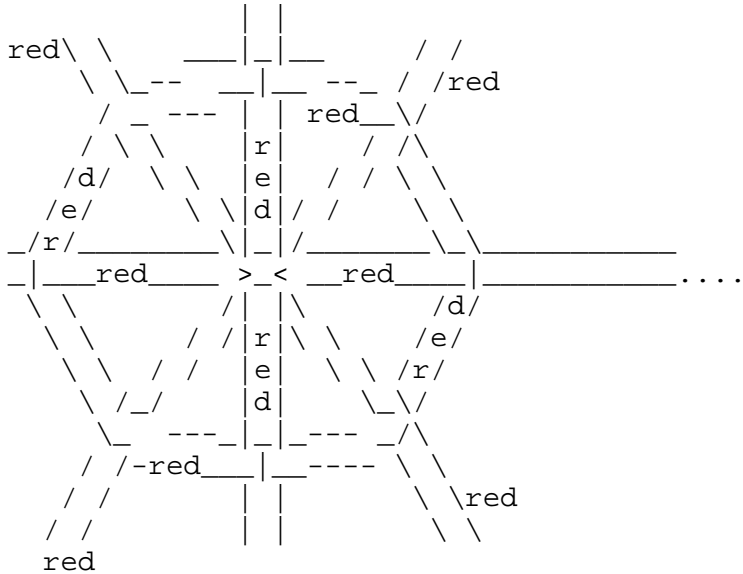
```
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   \ \_--  __|__ --_  / /red
    / _ --- | | red__\/
   / \ \    |r|      / /\
  /d/  \ \  |e|  / / \ \
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_/r/_____\|_|/_____
_|___red____ >_< __red____|_____....
 \ \       /| |\          /d/
  \ \    / /|r|\ \      /e/
   \ \  / / |e|  \ \ /r/
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    / /-red___|__---- \ \
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    red
```
Notice that each balloon makes a zig-zag from the center,
along the edge and then out the side. With 8 bubbles at the
'hub' you will have to put the 4 whites behind the 4 reds
to make them fit.

Side view before brim is put on:

```
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   |___|_red__|_____|red|
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   | | | |e|    | | |   |r| | |
   | | | |d|    | | |   |e| | |
   | | | |      | | |   |d| | |
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   |___|_red__|_____|red|
  /r/  | |     |r|   | | \r\
 /e/   | |     |e|   | |  \e\
/d/    | |     |d|   | |   \d\
```
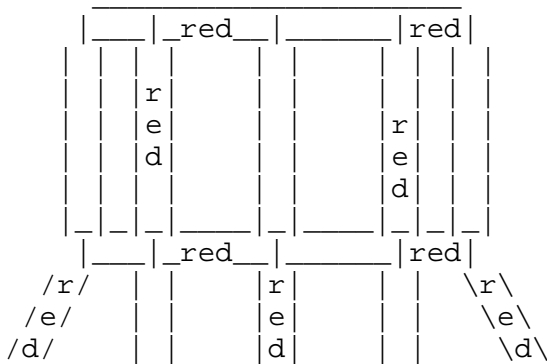
Hope this helps. I won't try to draw the brim, but I think
you get the idea.

Professor Wonder

```
From balloon-request@cvs.rochester.edu  Mon Nov 27 16:33:55 1995
        id AA27562; Mon, 27 Nov 95 16:24:35 EST
Message-Id: <m0tKByn-000A59C@isc-br.isc-br.com>
Date: Mon, 27 Nov 95 14:24 PST
To: balloon@cvs.rochester.edu
From: norm@isc-br.isc-br.com (Norm Carpenter)
Subject: Xmas Ideas
```

Hi Gang,

Just spent a couple of hours catching up on the balloon email.

A couple of Xmas ideas for you all:

1) I went to a local candy store and found foil wrapped choclate balls.
The foil wrapping the choclate was colored so the whole effect looked
like minature ornaments. I bought two pounds and plan to use them for
the Children's Xmas party here at work.

2) A hat idea: If you have access to mistletoe you can make a pretty cool
hat.

You need: 1 Red 260Q
                 1 White 260Q

Inflate the red 260 almost all the way full and create your basic loop hat.
Next inflate the White 260Q a little over half way and attach the knotted
end to the loop so that the white 260Q goes straight up. Put an ear twist
in the White 260Q about 6 inches back from the uninflated portion of the
balloon. Add another ear twist about 2 inches from the uninflated portion
of the balloon. Position the White 260Q so that it looks like something
from a hangman game. Tie the mistletoe to the uninflated portion of the
White 260Q. The balloon should end up with a piece of mistletoe hanging
right over your head. Should work well, a craft store may carry plastic
mistletoe. Now I just have to explain the lipstick to my wife.

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```

Sorry for the Ascii art, never has been my strong point.

Love,

Norm
        the
                Balloonian

P.S. I'll be out of the office and out of touch for a little while, we
are doing a show in Atlanta (sorry, banking computers not balloons) and
I'll be there from Wed. to Mon. to set up. Won't be reading until next

Tue.   Be good and don't net fight.

```
From nobody@kodak.com  Mon Jun  1 11:41:54 1992
Received: from Kodak.COM by gawain.cif.rochester.edu (4.1/1.15) id AA19425; Mon, 1 Jun 92
11:41:54 EDT
Received: from kodak.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
        id AA29890; Mon, 1 Jun 92 11:42:28 -0400
Reply-To: nobody@kodak.com
Received: from park.kp02.kodak.com by kodak.Kodak.COM (4.1/SMI-4.1)
        id AA16624; Mon, 1 Jun 92 11:41:50 EDT
Received: from kodak.Kodak.COM by park.kp02.kodak.com (4.1/SMI-4.1-DNI)
        id AA05049; Mon, 1 Jun 92 11:41:50 EDT
Date: Mon, 1 Jun 92 11:41:50 EDT
From: nobody@kodak.com (James Batten)
Message-Id: <9206011541.AA05049@park.kp02.kodak.com>
To: balloon
Subject: hats
```

        Another suggestion for a hat is the good ole monkey..

start with four small bubbles... this part is kinda hard, and will require
some experimentation to get the right size for the nose/head/and ears. OK

Do and Ear twist on the second and fourth bubble. Now twist the first and
last joints together (sometimes tough to do).. What it will look like is
a nose, head, and two large ears..

The rest of the bubbles are each about one inch OR less.. This is a real small
but cute monkey..

   Make one small bubble for a neck, followed my, small bubble(leg), VERY SMALL
bubble(a ball that he's holding between the front legs), and another bubble
for a leg. Twist the two legs together. Make a small body, then two more legs
(without the ball). What's left is a very long tail. What you can do is loop
the tail around and twist a small bubble at the end of the tail, twist this to
the base of the tail and there you have it... a monkey (now with a small tail)
stuck to the front of a hat.

   Some other things that can be done with this guy is...

        If you know how to push a small bubble into the balloon and break it
off, complete the monkey and make sure the ball is inside the tail. Roll the
tail up so it end up with a real nice curl and the kids can roll the ball
around inside the tail. He also hangs real nice from that tail.

        If you make him slightly larger that you would for a hat, and make
the ball he's holding a bit larger, you can have him climbing a balloon tree.
Its easiest if you wrap his legs around the tree before you twist them off.
(it's real hard to jam a tree between his legs when he's done.)

   Oh yea, the important part... I usually leave about two to three inches
when inflating the balloon. Your mileage may vary.

GAWD, I just re-read this thing and it looks terrible, but being as 1) I'm
really being rushed today, and 2) I'm to lazy to bring up the vi editor, I'm
just going to leave it as it is. I'm sure you all can forgive my terrible
English/typing today. have a nice one

ciao -jim batten

From: Trvclown@aol.com
Date: Wed, 8 May 1996 17:30:47 -0400
To: balloon@fooledya.com
Subject: Balloons on TV

Hi Guys:

I'm just so excited, I was on TV yesterday twisting balloons for the Cinco de
Mayo celebration in Bay Point. It was the first time I've ever been on TV.
 I had to tell someone that would understand my excitement. Thanks for
listening. Sorry for the clutter.

As for the mother's day heart hat. Here's an alternative:

Make the basic helmet but before attaching the top add a heart made out of a
260 and add a 6" solid heart to make a heart in the heart. It looks cool and
the ladies really like it.

Happy Twistin,

Tammy Chambers
a.k.a. Traveler the Clown

```
From tanst6+@pitt.edu Sat Jun 11 23:38:48 1994
Received: from pop.pitt.edu by mother.ent.rochester.edu with SMTP id AA28227
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sat, 11 Jun 1994 23:38:48
-0400
Received: from bushmaster.labs.cis.pitt.edu by pop.pitt.edu with SMTP id AA03321
  (5.65c/IDA-1.4.4.5 for <balloon@mother.ent.rochester.edu>); Sat, 11 Jun 1994 23:35:30
-0400
Date: Sat, 11 Jun 1994 23:29:14 -0400 (EDT)
From: Todd A Neufeld <tanst6+@pitt.edu>
Subject: Buffett Balloons
To: Balloon Mailing List <balloon@mother.ent.rochester.edu>
Message-Id: <Pine.3.03.9406112314.A986-b100000@bushmaster.labs.cis.pitt.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
```

Hi guys!

Not to much traffic lately?

Oh well, I went to see Jimmy Buffett last night and saw some interesting
hats. I don't know if somebody was selling them or how they were getting
around, but it was neat.

The first hat was a parrot (big surprise!) It was made by twisting a
bee-balloon and a 260 together. The Bee was twisted to sort of resemble a
parrot, and that was connected to the 260 that made the hat part.

The second was a large shark fin. A 260 went straight up, and was than
curved back down, like an /\ The back part was then crimped the resemble
a fin. <\
        /\

That is poor model, but I hope you get the point. The fin was also
attached to a second 260 to tie around the head.

Do these ring a bell with anyone out there?

Are concerts like Buffett a potentially profitable place for twisters?

Just wondering . . .

-Todd

```
 _____
   O O          Todd Neufeld    tanst6+@pitt.edu         (412) 521-9536 {}
     "                                                                  \/
 \_____/              "A meeting is no substitute for progress."        /\
   ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
```

```
From balloon-request@cvs.rochester.edu Mon Jun 26 13:32:23 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA14788
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 26 Jun 1995 13:32:23
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA07325; Mon, 26 Jun 95 13:31:47 EDT
Resent-Date: Mon, 26 Jun 95 13:31:35 EDT
Old-Return-Path: <batten@rdcs.kodak.com>
Date: Mon, 26 Jun 95 13:31:35 EDT
From: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9506261731.AA10603@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: my hat
Resent-Message-Id: <"Ru_0i1.0.Mo1.2ykxl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/374
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

A simple hat that I like to make is close to the 'jesters' hat, but
only uses two balloons. Folks seem to like it, and it gets good laughs
when I use it for a mind reading act in my magic show.

   Inflate two balloons leaving about 4 inches. Squeeze a bubble up into
the end of the balloon as if you are making a poodle tail. T.Myers shows
this, at least in the one hat book I have from him. Only, I like to pull
the bubble around and tie a knot at its base. With this I don't have to
worry about curious fingers squishing it, and it flops around alot more
this way.

   Go down about a foot and a half and twist the two together. Now fold
everything over at this point and twist off about two inches back. This
forms a 'bulb' with four sections in it.

   From here, just wrap the remainder of the balloons around the head and
twist to fit. When placed on the head you will have a pair of antenna
sticking up with floppy ends. (jeeze, I hope all of this is clear).

   I like to use contrasting colors. When I fold over at the first twist
I make sure that the balloons are set so that a color is not laying next
to the same color. WHen you twist this to make the bulb it creates an
alternate colored pattern. Nothing earth shattering, it just looks more
professional.

   Actually, if I were really smart, after making the 'poodle tail' I would
start from the back and work forwards. This would result in less excess
in the back of the head, and taller antenna.

   Just for grins, I went out with a happy bunch of folks to an outdoor bar
last Friday. Made a few of these, and a few cowboy hats (thanks Tom) for
them to wear. As soon as they hit the dance floor.. I became an instant
hit. Fortunately I only had a few balloons left, so I had to leave with
the demand for more balloons high. Think I'll go back this week and talk
to management to see if they would like to make a deal. 8^)

later all,
jim batten

```
From balloon-request@cvs.rochester.edu Sat Jun 24 20:16:31 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA12853
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sat, 24 Jun 1995 20:16:31
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA24794; Sat, 24 Jun 95 20:16:56 EDT
Resent-Date: Sun, 25 Jun 1995 10:12:34 +1000
Old-Return-Path: <Simon.James@agsci.utas.edu.au>
X-Sender: srjames@postoffice.utas.edu.au
Message-Id: <v01510100ac125a496145@[131.217.49.152]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sun, 25 Jun 1995 10:12:34 +1000
To: balloon@cvs.rochester.edu
From: Simon.James@agsci.utas.edu.au (Simon James)
Subject: Hat envy
Resent-Message-Id: <"-CQyz2.0.M36.shAxl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/367
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hi folks,

Well I'm suffering from hat envy reading lines like, " I like doing balloon
hats, usually 2 or 3 balloon ones..." and all the stuff about spiral hats.

Vinnie says, "...can anyone suggest a good book/reference for hats?". I'd
like to get a little more basic and ask if anyone would like to post their
favourite hats. Most of my repertoire has come from the list and a few
select books, all pretty hat deficient...

So can anyone answer the big question, "What are kids wearing on their
heads this summer?". I've got the basic hat concept -- stick a loop on
anything good and plonk it on a head :) but specifically;

0) Does Rene the Magician have a favourite 2 or 3 balloon hat that he
would like to share with us?

1) "...make a helmet hat with several spirals...", how does one go about this?

2) "...wearing a silly balloon hat...", they're all fairly bulky, what
looks good on a balloon man? I normally wear my jester hat, fairly low key
but functional as an attention getter.

I'd like to start the ball rolling but I don't have anything good that you
can put on a kids heads, sort of sad really :(

But on the other hand (just while we're talking balloon ideas), a simple
snake with a tight curl (do snout, two eyes, wind rest of balloon into
spring shape, squeeze lots then let go) looks great on the outside of a
normal hydrogen balloon. Curls around a couple of times and the head looks
out from on top, the balloon still floats, prima! Can't put it on a kids
head though, they get grumpy.

My current project is working out how to attach parrots to shoulders for a
Pirate Party coming up.. superglue? Nope, their moms might object. I'm
working on it but parrot hats might be the closest answer :)

Ja mata, SimOn.

```
Date: Wed, 12 Feb 1997 22:49:00 -0500
From: Dan <guterman@mail.accent.net>
To: balloon@fooledya.com
Subject: Hats
```

I've been doing parties (approx once every 2 weeks) and having lots of fun.Instead of making the normal 1 balloon figures all I do now is hats. They stand out alot better, children have tons of fun switching and trying friends hats, and parents feel that their child has got a better gift/treat and best of all I worry less about the children putting the balloon in their mouth. Now these hats don't have to be complicated structures with weaving and what have you, they could fast and effective.And if done during busking (I think Mr. Myers said this) it is a walking billboard. Try taking every one balloon creation you make and think about how to make into a balloon hat. In the days to come I will be posting basic hats that I usually do in party situations. Heres one:

Basic Monkey on tree hat

Take a orange balloon make a basic feather hat. Green balloon and make into leaves (tie nozzle and tail together then twist in the middle).Twist a 1 inch bubble at the end of the feather, twist the base of this 1 inch bubble with the middle of the 2 cirles (green balloon).This is now a palm tree. I will post a way to make a small monkey that is a variation of what Lorna taught me.

1 balloon money.
        Inflate a brown balloon leaving a 2 inch to 3 inch tail. twist a small 1 inch bubble and pinch twist it, twist it in half now you have lips.Make a 1 inch pinch twist next to it a 1 inch bubble and another 1 inch pinch twist. Lock twist the base of the lips to the base of the last 1 inch pinch twist. Arrange it so it looks like this:

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         (_''_)
          (__)
```

The two 1 inch pinch twist are the ears the bubble in between is the head, arrange lips to face the front turn pinch twist so that the middle of teh bubble faces toward the front (think of it as a bean)

```
    middle
      ^
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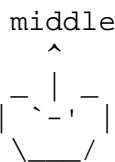
There you have the head, now wrap the bubble (1.5 inch to 2 inch, see how much you need) around the tree trunk. That's one arm make 2 inch body and now do the same as the arms. You'll find it harder to make the last loop (legs), what you have to do is make 1.5-2 inch bubble wrap it around the trunk back to the base of the body. Take the balloon and tuck it under the body and back out there you have your twist. Curl the rest of the balloon up for the tail.

Have fun twisting and making hats
        Balloon Boy

p.s. Lorna congratulations on your wedding

```
From: PatNTheHat@aol.com
Date: Wed, 21 Aug 1996 21:34:26 -0400
To: balloon@fooledya.com
Subject: Rainbow

Hey buffoon
I have seen an easy rainbow that is made starting with the simple helmet. You
add three different colored balloons from front to back, and make them form
an arch. This may keep the kid happy.
Pat in the hat
```

```
From balloon-request@cvs.rochester.edu  Wed Sep 20 16:40:22 1995
         id AA07776; Wed, 20 Sep 95 16:30:48 EDT
Date: Wed, 20 Sep 1995 13:30:34 -0700
Message-Id: <199509202030.NAA00817@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: Costume
```

Hi!!! Last Halloween I had to sit in my university courses for 10 hours, so
i was on the lookout for a costume that wouldn't be distracting or
uncomfortable for that long a peroid oftime. I decided to go with a balloon
hat. (scuba mask)

I made your basic hat, but instead of the piece going over the top of my
head I made it go down and in front of my face (the mask. Then I attached a
260 with a curve at the top and an ear twist about 3-4 inches from the
bottom (the snorkle). Then I hang a goldfish from the top of the snorkle.
Real cute!!

---Lorna

>Hi,
>
>I had to come up with a costume to celebrate "Book" week at the grade
>school I work at. It's suppose to be about a book or famous book person. I
>wanted to do something simple, like a balloon hat, because I have to be in
>this for five hours. I came up with the hat that is made with three
>balloons that are put into a triangle and twisted into a point on top. (I'm
>not very good at describing things so bear with me). Instead of bubbles at
>the end I'm going to put mice. I'm going to draw blindfolds on them and go
>as the Three blind Mice.
>
>Anyone else have a better suggestion?
>
>Freda
>From the panhandle of Florida
>Ziggy the Traveling Balloon Lady
>
>
>

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              ->Homer<-
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```
From balloon-request@cvs.rochester.edu  Wed Dec 13 09:22:26 1995
          id AA14506; Wed, 13 Dec 95 09:20:42 EST
Date: Wed, 13 Dec 95 09:20:24 EST
From: batten@kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9512131420.AA26698@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: big vs. small, and noses to boot.
```

   Dang, something I've been doing for a little while now, was about to
share it, and Rene the Magician goes and beats me to the punch.. oh well,
I've got a small twist to the reindeer nose that you might like.

   I don't really know the proper name for this twist, but its very much like
an apple twist, just done a lot deeper. I first saw it in a Dewey book for
a squirrels tail. Simply, when making the apple twist, push it in as far
as you can, at least several inches. The result will be a 'long' bubble
(I shoot for about two inches) which curves upward. If you have a small
contrasting bubble in a second balloon, and leave enough of a leader on it
to fit the length of this long apple twist, you end up with a cute little
upturned nose. This nose is ROUND, not of the standard small apple twist
variety, it really helps add to the critter.

   A standard Holiday trick in my shows is, a signed selected card is put
back into the deck, the deck is tossed into a paper bag. Next, my special
guest magician (a balloon reindeer) dives into the bag, a little shake and
bake action.. along with some additional antics... the spectator reaches
in and removes the reindeer, which is seen to be holding the selected card.

   I'm not going to go in to how the trick works, or even my actual
presentation... just wanted to make an observation. I normally make my
reindeer out of 260's, but since I tend to work larger shows, I want to
make sure he really shows up and use 360's for it. What a difference, the
cuteness level really shows up. I've played around with several animals,
and its impressive to me how the different sized balloons make such a
difference. Some look so much better as 260's, others just scream for the
360.

   When busking, I love to make Lions, Tigers, and PinkPanthers oh-my. Looks
good a as a regular sized critter, BUT... I'll sometimes make them super
small with 1/4 or 1/2 inch bubbles.. leaves enough tail to make a hat.
Once I make one like this, I get SO many requests for more, along with the
plea to rip the tail off so they just have a small critter.

   My fear with this is, they will get stuffed into a purse and not seen. The
reverse actually happens. They have something that is so different that they
can't wait to show it off. People don't have to come to them to ask where
they got that GIANT hat, they go to people to show off their unusual tiger.
(your mileage may vary.)

later - jim

From: "Perry, Troy" <taperry@NTSVR05.USWNVG.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: teddy bear hat
Date: Tue, 23 Jul 1996 17:49:48 -0700

Saaaay! Here's a combination of two great sellers; hats and teddy bears.

I went to Seattle Center the other day. There must have been a twister
around because I saw the evidence. The only mentionable thing was a
great new (to me) hat. A tutued teddy toque, so to speak.

I hope this isn't published anywhere. I haven't seen it in any books.
And since I didn't get to meet the twister, I can't even give credit.
Please excuse me, if I need it. :-)

Here's how I think it was made:

Needed
Two Sapphire 260s
One Amethyst 260

Inflate the first blue 260 leaving 1/2 inch uninflated. Make a loop
around your victims...uh...customer's head. Leave the tail (I believe
some of you call this a feather hat, although I haven't found anyone who
will settle for something this simple).

Inflate the second blue 260 leaving about 4 inches uninflated. Make your
favorite teddy head and arms. Mine is: a soft 2 inch bubble, 1 1/2
side-of-face, 1/2 ear, 1 inch top-of-head, another ear, another
side-of-face. Lock twist the sides of faces. Pinch twist one ear. Stuff
the first bubble through to make the back of the head and the nose.
Pinch twist the other ear. 1 inch neck, 2 inch loop for arm #1, 2 inch
loop for arm #2. Leave the rest of the balloon straight.

Hook the straight end of the 2nd blue 260 to the opposite side of the
loop from the 'feather'. I make a 1inch bubble and just twist it on.

Twist a 3/4 inch bubble on the free end of the feather. Use this bubble
to lock the feather and the body of the teddy together at the waist. You
should end up with something that looks like a basic helmet hat with the
top 1/2 of a teddy growing out of the middle of the top.

Fully inflate the amethyst 260. Burp it generously. Burp it a little
more. make a six-petal flower blossom and attach it to teddy's waist. Ta
da!

For you who are wondering how to make the blossom, here's how I do it:
After all that burping, as you're tying the knot, tie the ends together.
Split this loop in two and roll one of the sides to make the twist. You
should now have two parallel bubbles. Lock twist these two long bubbles
in thirds and Z fold them.

I don't know how to gracefully describe this next part. You now are
holding three sets of two bubbles, probably with both hands, stacked
together like a little group of soldiers. You will pull the ends
together and lock twist them. I stick my thumb in the middle of the Z
fold and it seems to help. You end up with a six-petal blossom of about
2 1/2 or 3 inch loops.

I know that last paragraph could be confusing. Mail me directly if you'd
like and I'll take another stab at it.

Troy

```
From balloon-request@cvs.rochester.edu  Sat Apr 13 05:23:41 1996
          id AA20795; Sat, 13 Apr 96 05:17:17 EDT
Date: 13 Apr 96 05:15:10 EDT
From: FRED HARSHBERGER <103322.3000@CompuServe.COM>
To: "balloon@cvs.rochester.ed" <balloon@cvs.rochester.edu>
Subject: Concept:  Weeble Tube
Message-Id: <960413091509_103322.3000_JHL41-1@CompuServe.COM>
```

Eureka! New Concept !(for me anyway)
(Maybe this isn't new, but *I* haven't seen it anywhere.)

Picture... the famous weeble & weeble raceway by T.Myers.
   (superball inside egg sized section of balloon that moves in a rolling,
flipping, manner.   *song*..."Weebles wobble, but they don't fall down!")

Problem: Weeble Raceway is teriffic fun, but as a hat, it is too hard to keep
the weeble "on track." Even in kids hands, it falls off too easy. (still way
cool though!)

Solution: Make a weeble (see T.Myers instructions). Insert it into a yellow
350!!!!
  "Weeble in a tube"!!! a concept! No more chasing the weeble under the table!
Neat, tidy, clean, ...a "weeble biosphere!"

"Weeble Tube Hat" Start with the basic 260 "indian feather hat" (loop with long
tail), like Lorna's "Electricity (Tesla) Hat", add two almost full 260's to the
side of the loop, opposite the "feather / tail". Bring the "feather" across the
top, and make a loop around the shafts of the two long balloons, a foot or so
above where they connect to the loop, (varies depending on size of head loop),
like a cross brace. At this point it looks like giant bug antennas. Now, make
a "Weeble Tube" (see above). Make 3" loops in the ends of the antennas, around
the ends of the "weeble tube". Be carefull not to constrict the tube, as it
will restrict the weeble motion. May want to put slight curve in tube(down in
center, up at ends). Put hat on head. Tilt head from side to side. "Most
excelent wave motion, eh Dude?" Party on!
I find the rigidity of the 350 makes this hat somewhat less free-form than the
Lorna / Tesla "Electricty Hat", an interesting alternative.

Variation: I notice that the "Weeble Tube Hat" is somewhat reminiscent of a
Hammerhead Shark. Humm... If you insert two superballs, or balloon seeds along
with or instead of the weeble, twist each into a bubble at each end of the
tube... ta-da..."Hammerhead Shark w/ Eyes" hat.

Take an idea, start running with it, pick up speed, try not to stumble,...
...sorry, I have to go play with balloons now. bye.

M.y.t.b.m.a.y.p.f.
Fred Harshberger "The Balloon Dude"
103322.3000@compuserve.com   or   BaloonDude@aol.com

```
From joker@mother.ent.rochester.edu  Sat Oct  3 17:41:08 1992
Received: from mother.ent.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id
AA12440; Sat, 3 Oct 92 17:41:08 EDT
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
        id AA20646; Sat, 3 Oct 92 17:43:48 -0400
Message-Id: <9210032143.AA20646@mother.ent.rochester.edu>
From: joker@mother.ent.rochester.edu (Larry Moss)
Date: Sat, 3 Oct 1992 17:43:48 -0400
In-Reply-To: toddc@ihlpm.att.com
        "Halloween Balloons" (Sep 25,  1:03pm)
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon
Subject: Re: Halloween Balloons
```

On Sep 25, 1:03pm toddc@ihlpm.att.com writes:
> Hi All,
>   I will be entertaining at a halloween party in October and I was
> wondering if anyone makes any Halloween specific balloons. Does anyone
> make a ghost or witch? Or how about a Witch's hat or something. Any
> ideas you have would be greatly appreciated. I would like to make some
> balloons that have a halloween theme to them if possible. Besides, it's
> always fun to try and create new figures.
>   Thanks in advance to all who reply!
>   Todd A. Claxton
>   toddc@ihlpm.att.com

Did you ever come up with anything? I was hoping there would be some
suggestions since I was asked a number of times for Halloween balloons
last year and I know I'll be asked again this year. I did at one time
manage to make a reasonable bat, but I never posted it since I haven't
been able to recreate it. I've been playing around a bit, but nothing
that I've come up with really seems worth posting. I can suggest
something for a witches hat.

The idea here is really simple. Basically, a witches hat is just a tall,
pointy hat with a large brim. Start it like any other hat. Make a loop
the size of someone's head. I usually like to take the remaining tail of
the balloon and tie it to the front of the loop.
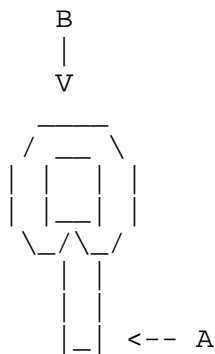
```
             B
             |
             V

           _____
          /  __  \
         | |  | | |          Fold A back over to the part of the loop
         | |__| | |          marked B.
          \_/\_/
            | |
            | |
            |_|  <-- A
```

[A tip for anyone that doesn't currently make hats. Just attach your
favorite animal to the top of that and you've got a great hat to give
out.]

The simplest way I can think of to make the pointy part of the hat is to
just fill 3 balloons most of the way and tie their nozzles together.
Attach the other ends equally spaced along the loop made with the first
balloon.

I tried drawing a picture, but it really only made this whole thing a lot

more confusing.

Now all you need is a large brim. Take 2 more fully inflated balloons.
Tie the nozzle end of each to one of the joints on the first balloon.
Tie the tail end of each to another joint on the balloon. This will
create one very large hat. This is even likely to be taller than any
child you try putting it on. Just be very careful of ceiling fans. (That
word of caution is spoken from experience. :-)

```
                ^
               /|\         3 balloons form a tripod on the top to make the point
              / | \
             /  |  \
             =========
     ============^===========
     ^        ^  | ^          ^
     |_____/   |  _____|
        1        2       3
```
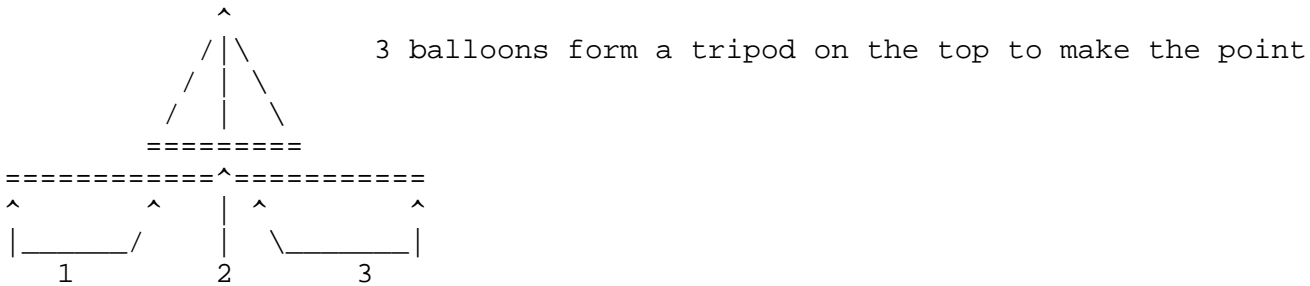
This shows the other 3 balloons.
1 and 3 for the brim by attaching to the main loop (2) at the same point
on each side.

I think the stuff I write gets more confusing every time I post.

Larry

```
From balloon-request@cvs.rochester.edu  Wed Sep 20 14:19:20 1995
          id AA04249; Wed, 20 Sep 95 14:09:20 EDT
Date: Wed, 20 Sep 1995 12:06:41 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Re: Coustume
In-Reply-To: <C223ZVYJ9W6IP*/R=FIRNVX/R=A1/U=WHALEYF/@MHS>
Message-Id: <Pine.A32.3.91.950920120258.153370B-100000@freenet.edmonton.ab.ca>
```

On Wed, 20 Sep 1995, Freda Whaley 904-944-0550 wrote:

> Hi,
>
> I had to come up with a costume to celebrate "Book" week at the grade
> school I work at. It's suppose to be about a book or famous book person. I
> wanted to do something simple, like a balloon hat, because I have to be in
> this for five hours. I came up with the hat that is made with three
> balloons that are put into a triangle and twisted into a point on top. (I'm
> not very good at describing things so bear with me). Instead of bubbles at
> the end I'm going to put mice. I'm going to draw blindfolds on them and go
> as the Three blind Mice.
>
> Anyone else have a better suggestion?
>
> Freda
> >From the panhandle of Florida
> Ziggy the Traveling Balloon Lady
>
>

How about making a feather hat- you know the one where you have a
straight bubble going up.

Then you can add a green set of leaves(Just do a bunch of large loops,
about 3 will do.), and put a monkey wrapped around it, and claim it's
either Jack and the Beanstalk, or Robinson Crusoe's island!

```
+-----------------+-------------------------------------------------+
|   Noel Bundy    |     E-Mail:nbundy@freenet.edmonton.ab.ca        |
+-----------------+-------------------------------------------------+
```
"A penny saved is a congressional oversight."

```
From balloon-request@cvs.rochester.edu  Fri Oct 27 11:51:49 1995
        id AA24540; Fri, 27 Oct 95 11:40:16 EDT
Message-Id: <9510271549.AA3649@msi-gateway1.metropolis.com>
To: balloon <balloon@cvs.rochester.edu>
From: Dennis Dawson/MSI
   <Dennis_Dawson@msi-gateway1.metropolis.com>
Date: 27 Oct 95  8:38:30 EDT
Subject: In the final minutes...
```

Here's a new notion in the last throes before showtime - Make a meatball and
eject it, then turn the remaining balloon into an acrobat without a head. Draw
a jack-o-lantern on the meatball, and tie the nozzle around the acrobat's
hand. Put him on a horse, you've got the Headless Horseman!

I'm working the harvest festival at my kid's school tonight, so I'm trying to
think of Hallowe'en twists in the one to two balloon variety (Lorna, I love
your models, but holy cow do you go through them 'loons!). I'm going to charge
two tickets (2 @25 cents is 50 cents an animal) (I know you could figure that
out, but it's so much easier to be explicit) per creation, then have the school
reimburse me 5 cents per ticket. That should cover my balloon costs without
cutting into their profits too severely. It also allows me to give a few away
to get things going.

I'm going to make Larry's bat, Lorna's ghost, Cujo (sorry, I can't remember the
author of that one, please spank me verbally when you get the chance), snakes,
any animal as a ghost (out of clear balloons - whoever posted that idea gets a
big Hershey's kiss) and anything on a hat. I'll also do costumes for 4 tickets
(headset, belt, vest and curlicues on the legs makes a spaceman; eyepatch,
belt, crossed-balloon vest and happy stick makes a pirate; wings, crown and a
magic wand make a fairy). The school has a zero tolerance policy toward
weapons, even toys, so no zombie zappers or skeleton swords.

I'll be working alone and for a limited time, so I'm not concerned with just
cranking things out. The first lull and I'm out of there. (It's easy to make a
lull by slowly moving to a place that's way off the beaten track, though one
time I ended up on the sidewalk before they stopped coming!)

Any other one-or-two balloon models that jump to mind will be greatly
appreciated in these final minutes.

```
From: AVBalloons@aol.com
Date: Tue, 4 Jun 1996 00:47:43 -0400
To: balloon@fooledya.com
Subject: Re: heart from round technique
```

What a week. First, I open my brand new copy of "Twisted History", and find
that Larry Moss has stolen my balloon-a-saurus hat. Now everybody seems to be
doing my "Magic Heart" trick.

I call these magic hearts. It creates an expectation that there is a "trick"
to what I'm about to do. I'll ask a little girl if she wants a magic heart on
her hat/twisted wrister/teddy bear. I tell her that she'll need to help me. I
take a heart from my pocket, and blow it up slightly, until it looks round.
While I'm blowing it up, I'm holding it behind my hand, so that it isn't seen
uninflated. I show this tiny balloon to the crowd, and explain that I can
make a round balloon turn into a heart, with a little help from the child.
Then, I ask the child if I can borrow her finger. I have the child push her
finger between the lobes of the heart. You know where the correct spot is,
because you can look for the two drips that mark the tops of the lobes. The
child does not see these, and has no clue. Then, with the child's finger
still in place, I slowly blow up the balloon. When I'm done. I show the
balloon to the audience, and praise the child for making a great heart. This
Always impresses the child. It becomes a great "Me-Too" item, as every
other child wants to make a magic heart. It almost always fools the parents
too.

It is all in the presentation. The child is convinced that THEY have done
magic. I love the smiles on their little faces.

Adrienne Vincent. CBA

PS. John - I am really jealous. I ran to my mail box - no grey 260's there
for me......

```
From balloon-request@cvs.rochester.edu  Sun Oct  1 15:59:56 1995
          id AA13277; Sun, 1 Oct 95 15:54:56 EDT
Date: Sun, 1 Oct 1995 13:54:26 -0600
Message-Id: <199510011954.NAA23805@dns.cyberlink.bc.ca>
To: balloon@cvs.rochester.edu
From: Lynn Lewis <slewis@cyberlink.bc.ca>
Subject: helicopter 1-260
```

   Introduction:
   My name is (Mr.) Lynn Lewis, I have been tieing balloons for about 5 years
and only   recently have got on the web , I live in Cranbrook B.C.

The news items I've seen, are, at the very least, interesting. I have been
looking for books on balloon tieing and have found the listing 'title Books,
magazines, and other resources' helpfull, although, most of the books
listed are not avalible in this area.

I was trying to find information on making a helicopter out of a 260 balloon.
Without any reference material to rely on, I proceeded to design one. I hope
this is original new material and a copy or similar

It looks Something like this.....
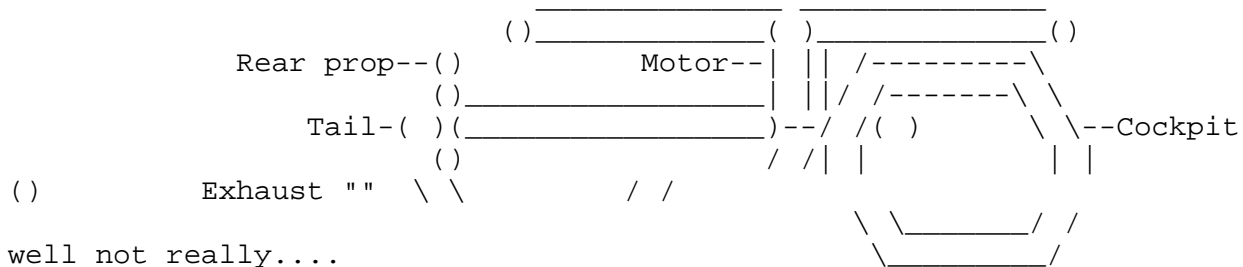
```
                                _____  _____
                          ()_____(  )_____()
          Rear prop--()          Motor--| || /---------\
                          ()_____| ||/ /------\ \
             Tail-( )(_____)--/ /( )        \ \--Cockpit
                          ()                  / /| |            | |
()        Exhaust ""  \ \          / /
                                              \ _____/ /
well not really....                            _____/
```

Instructions for making my 2 bladed HELICOPTER:

   Take a 260 balloon and inflate it leaving a 5" end. Form a 2" bubble and
a 8".
Lock the 8" together forming a large loop, this becomes the cockpit, the 2"
is the exhaust.

   Form a large 1" bubble and ear twist it together. Place the ear twist in
the 8" loop to help keep it open making more of a circle.

   Now make a 2",5",1",1",1",5". Lock the beginning of the first 5" to the end of
the 5" bubble you just made.

   The three 1" bubbles are a twist and pop series, this separates the
propellers.
Ear twist the 1st and 3rd bubbles and pop the 2nd.

   After the blades are separated, make a 1" bubble, ear twist it together,
place it on top of the blades. This helps hold them apart.

   Make a 2" and join it to the bottom of the the other 2" (base of large
circle)
these two 2" balloons side by side form the motor.

  The tail section is a 3" bubble, followed by six 1" bubbles. Join the last
1" bubble to the first of the six. NOTE; you will be using all of the
balloon left.
With any luck (and practice) there will be enough room to form the last 6
bubbles.

   These 1" bubbles are also a twist and pop series. The 2nd and 4th bubble
are twisted, the 3rd popped. You have now made the small rear blades. Use
the last bubble to help keep the small rear blades apart. It now becomes the
tail.

It takes a few trys to get the balloon inflated to the right size.

Any suggestions or comments, I can be contacted at slewis@cyberlink.bc.ca

```
From balloon-request@cvs.rochester.edu  Wed Oct  4 19:48:50 1995
        id AA28016; Wed, 4 Oct 95 19:40:49 EDT
Date: 04 Oct 95 19:13:24 EDT
From: "Marvin L. Hardy" <73532.2312@compuserve.com>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re: helicopter 1-260
Message-Id: <951004231323_73532.2312_EHT36-4@CompuServe.COM>
```

Hi, Marvin has created a three bladed copter by using a 1" pinch twist, 6"
bubble, another 6" bubble, three 1" bubbles and another 6" bubble. Lock twist
the second and third 6" bubbles then do a pinch twist the first and third 1"
bubbles and pop the second 1" bubble. Finish your helicopter as you did in your
instructions. This gives it a 3 deminsional look.

Another great helicopter is made with an underinflated 6" heart as the body.
Make the three blades and then add it to the heart by squeezing a 1" bubble out
of one of the lobes of the heart. I guess that was as clear as mud but I'm sure
it will end up in Balloon Magic - the Magazine soon.

Marvin's Other Half!

```
From balloon-request@cvs.rochester.edu  Tue Sep 19 14:32:12 1995
          id AA11294; Tue, 19 Sep 95 13:02:10 EDT
Message-Id: <m0sv62Y-000A3kC@isc-br.isc-br.com>
Date: Tue, 19 Sep 95 10:01 PDT
To: balloon@cvs.rochester.edu
From: norm@isc-br.isc-br.com (Norm Carpenter)
Subject: Horsey
```

Okay, I've taken a lot from this group. Let me give a little. Here is my version
of a horse. I have to agree with Larry, nothing has not been done before. But I
did work this horse out on my own and I am somewhat proud of how it looks. If I
get my Balloons back from Larry (or my order comes in from Tom) I might try and post
a picture to the web. Sorry for the lousy ascii graphics, I'm no Matt.

```
=========
[ Horse ]
=========
                            /----\
                     /---/--\    \
(1.5)(1)(1)(  2  )()()()()()()()( 1.5 )( 1.5 )(  2  )( 1.5 )( 1.5 )(Rest)
     \____/_____/_____/_____/        _____/
head  ears  neck   mane     mane    F. legs    body    B. legs    tail
                 [ 8 .5" bubbles ]
```

Make the head and then lock twist the ears. Next make the 2" neck and
make 4 .5" bubbles and lock twist the end of the fourth to the neck.
Make 4 more .5" bubbles and 'Bird body' them between the neck and the
first mane segment. Make the legs, body, and tail. Now you go back to
the mane and twist the middle four bubbles together which holds the mane
closed.

```
           () ()
        ()         ()
        ()         ()       Mane before center bubbles twisted together
          () ()
           ^     ^
           _____ Twist here and here.

        ()()()()
        ()()()()          Mane after center bubbles twisted together
```

I have tried to pinch twist the ears, but I have had limited success. Sometimes
an ear pops, sometimes it leaks into another bubble. I found that it is just as
effective to leave the ears as bubbles. The mane makes it look like a good horse.

Enjoy,

Norm
        the
               Balloonian

```
From balloon-request@cvs.rochester.edu   Thu Sep 21 10:55:20 1995
          id AA16653; Thu, 21 Sep 95 10:45:24 EDT
Date: Thu, 21 Sep 1995 10:45:17 -0400
From: MagofChris@aol.com
Message-Id: <950921104515_25392490@mail06.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Horsey
```

For what it is worth, my daughter is in love with horses. I was experimenting
the other night and made a large version of a horse. I just enlarged all the
bubbles of a normal horse sculpture. I made basically just the head, but
almost life size. I then used another balloon to attatch it around her waist.
A couple of unblown 260's for a bridal and she was racing in the Kentucky
Derby. It sort of reminded me of one of those blow up "things" you use to
play with at the beach. I have contemplated encorporating a race into my
children's act.
Chris

```
From balloon-request@cvs.rochester.edu Tue May 30 10:14 EDT 1995
Received: from cvs.rochester.edu (swift.cvs.rochester.edu) by atf.lle.rochester.edu with
SMTP
         (1.37.109.15/15.6) id AA213643284; Tue, 30 May 1995 10:14:44 -0400
Return-Path: <balloon-request@cvs.rochester.edu>
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA15128; Tue, 30 May 95 10:12:56 EDT
Resent-Date: Tue, 30 May 1995 10:12:48 -0400 (EDT)
Old-Return-Path: <moss@swift.cvs>
Date: Tue, 30 May 1995 10:12:48 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Re: Horse with mane
In-Reply-To: <199505301306.JAA21801@freenet.buffalo.edu>
Message-Id: <Pine.SOL.3.90.950530100354.25048A-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Resent-Message-Id: <"uNiTM.0.Ki3.dVool"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/291
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
Status: RO
X-Status:
```

On Tue, 30 May 1995, Vinnie Lobuzzetta wrote:
> Can someone tell me how to make the mane for a horse - I've tried a few
> things but nothing that I'm happy with. Thanks a lot.

The horse I make -

start with a small apple twist. Twist the apple in half. This will
create lips. (I usually tell people that it's Mr. Ed.) Follow this with
a 2-inch bubble. Make the ears next with two .5-inch bubbles. Ear twist
those bubbles. The mane is six .5-inch bubbles. Lock together the first
and last twists of that chain of bubbles. (Coming from the ears there's a
loop of six bubbles.) Make another bubble for the neck that's about 1.5
inches (the length of 3 of the bubbles in the mane). Push the neck
through the mane, a la bird body. Then just finish off like any other
four legged animal.

Larry

```
From balloon-request@cvs.rochester.edu Tue May 30 11:11 EDT 1995
Received: from cvs.rochester.edu (swift.cvs.rochester.edu) by atf.lle.rochester.edu with
SMTP
        (1.37.109.15/15.6) id AA214826706; Tue, 30 May 1995 11:11:46 -0400
Return-Path: <balloon-request@cvs.rochester.edu>
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA16561; Tue, 30 May 95 11:09:00 EDT
Resent-Date: Tue, 30 May 1995 11:08:21 -0400
Old-Return-Path: <SlaterDave@aol.com>
Date: Tue, 30 May 1995 11:08:21 -0400
From: SlaterDave@aol.com
Message-Id: <950530110819_17380554@aol.com>
To: balloon@cvs.rochester.edu
Cc: aq540@freenet.buffalo.edu
Subject: Horse with mane
Resent-Message-Id: <"nLgRr3.0.f24.AKpol"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/292
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
Status: RO
X-Status:
```

Vinnie -
The best way I've found to make a mane for a horse is to complete the horse's
head, then make 6 small bubbles, connect at the end of the last of the small
bubbles to the head so that a loop is formed. Then make the horse's neck
just long enough to reach to the midpoint of the loop (3 bubbles on each
side) and roll the neck bubble through the loop. The 6 small bubbles then
form 2 rows of 3 bubbles and make a very satisfactory mane.
By the way, I always make the most important part of the horse first and have
the youngsters guess what it is while I do the rest of the horse. They are
always pleased when they finally discover that it is the "rocker."
Good ballooning.
Dave Slater (aka Poppy the clown)

```
From balloon-request@cvs.rochester.edu  Tue Aug 22 12:19:22 1995
          id AA12545; Tue, 22 Aug 95 12:17:14 EDT
Date: Tue, 22 Aug 1995 10:09:26 -0600 (MDT)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Pink Panther in a Tutu
Message-Id: <Pine.A32.3.91.950822100310.79357A-100000@freenet.edmonton.ab.ca>
```

Larry, is there ANY way that you can possibly convert the Pink Panther in
a Tutu that is on the highlights page into a text format? I have no
graphics capability at this time :<.

Also here is a Hummingbird, for those of you who are interested:

inflate a 260, leaving 7-8 inch tail.

```
(1)(4)(2)(5)(5)(1).....
    \_/    \_/\_/ET
```

The remainder of the balloon forms the head and beak. The wings(The 5
inch bubbles) should be at 90 degrees to the body, with the ear twist
below them.

I know, it's pretty simple, but most kids immediately know what it is.

Well, TTFN!

```
+-----------------+-----------------------------------------------+
|    Noel Bundy    |      E-Mail:nbundy@freenet.edmonton.ab.ca     |
+-----------------+-----------------------------------------------+
```
What if gravity suddenly pulled everything to the LEFT?

```
From balloon-request@cvs.rochester.edu  Tue Aug 22 12:46:06 1995
        id AA13054; Tue, 22 Aug 95 12:45:21 EDT
Date: Tue, 22 Aug 1995 12:45:12 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
Cc: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: Re: Pink Panther in a Tutu
In-Reply-To: <Pine.A32.3.91.950822100310.79357A-100000@freenet.edmonton.ab.ca>
Message-Id: <Pine.SOL.3.90.950822123704.5071A-100000@cheetah.cvs.rochester.edu>
```

> Larry, is there ANY way that you can possibly convert the Pink Panther in
> a Tutu that is on the highlights page into a text format?

yes, but automatic conversions from graphics to ascii pictures are
somewhat iffy (and usually huge). And since there are instructions
written on it, it woudlnt' convert well at all. Basically, someone needs
to start from scratch with ascii drawings to create anything good, and
that's not a project I want to take on. (But outside submissions are
always welcome.) Due to popular demand I may create gifs or jpegs of the
postscript images when I get a chance.

> Also here is a Hummingbird, for those of you who are interested:

The one I usually use is two balloons. Make a loop out of a fully
inflated 260 (nozzle tied to tail) and divide it in two to form an 8.
Those are the wings. Now just twist them into the middle of a 321. if
you attach the wings closer to the nozzle on a 321, call it a bee (the
stinger is in teh back). If you attach it closer to the tail, it's a
hummingbird (the colored tail is the beak).

> I know, it's pretty simple, but most kids immediately know what it is.

simple is good. It's quick and as long as it's recognizable it's a hit.

Larry

```
From balloon-request@cvs.rochester.edu  Mon Feb 19 14:37:22 1996
         id AA22110; Mon, 19 Feb 96 14:32:37 EST
Date: Mon, 19 Feb 1996 13:32:23 -0600
Message-Id: <199602191932.NAA102898@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: balloon surgery
```

>>Imagine a skeleton with all the systems color coded....
>>I'll make the heart (3 colors to pick from red, white, pink).

Hmmm... John, can you look into getting us some kidney balloons next? :-)

>don't forget jewel-tone hearts. With colors like yellow, green, or
>purple and a few twists, you could make a variety of organs.

No, I think we'll need the new line of fool-tones:

blood red
bile yellow
gang green
venous blue
bone white
stool brown
purple heart
pink-eye
plasma clear
gray matter
black lung

not to mention the ill-tones:

scarlet fever
yellow jaundice
...
spotted measles (and you thought getting gray was hard! :-)

>Ok maybe you'd need some 130's for the intestinal tract,
>but hey this ould be a really cool thought.

Oh, I dunno... Steve Martin made 260 intestines in his movie "Parenthood".
Just pump them up with a palm pump or lots of short breaths for texture.
Long ones could be made by tying balloon ends together and then
apple-twisting to give a continuous-looking joint.

Mark


```
    o
   <M>     The most complete collection of balloon info on the web
  _/ \_    http://grampy.ent.rochester.edu/pub/balloon/index.html
```

```
From balloon-request@cvs.rochester.edu  Thu Sep 14 01:59:42 1995
        id AA10411; Thu, 14 Sep 95 01:54:10 EDT
Date: Thu, 14 Sep 1995 01:49:54 -0400
From: MelRain@aol.com
Message-Id: <950914014953_99122738@emout04.mail.aol.com>
To: balloon@cvs.rochester.edu
Cc: MelRain@aol.com
Subject: Re: Holloween ideas
```

Bruce writes
 >P.S. Anyone got any great suggestions for Halloween figures(besides the bat
and spider)

I don't know if it's great or not, but I make a jack-o-lantern by taking a
orange and green bee body apple twisting it and drawing a face.The kids think
it's cute, it's certainly fast and easy.

                                                                Lindy

```
From balloon-request@cvs.rochester.edu  Tue Jan 23 16:10:25 1996
         id AA18640; Tue, 23 Jan 96 16:07:03 EST
Date: Tue, 23 Jan 1996 16:06:02 -0500
From: CHACHACBA@aol.com
Message-Id: <960123160554_404454643@emout06.mail.aol.com>
To: slewis@cyberlink.bc.ca
Cc: balloon@cvs.rochester.edu
Subject: Re: Snowmobile
```

In a message dated 96-01-22 14:42:57 EST, you write:

>Following your instructions for the snowmobile was fairly straight forward,
>however I'll be darned if I can figure out how to look at it. It looks
>kind of like a face, two ears standing on 2 legs.

OK, this was originally intended to be a jet ski (the kind you stand up on)
but kids getting it also call it a snowmobile. So lets approach it from the
jet ski angle. Set the triangle that forms the "face" on the table so that
the "two ears" will be at the back of the jet ski. Now position the two
pinches (that would be at the neck of the face) so they are on top of each
other and force the next bubble to stand vertical. The two "legs" of the
pinch & pop series point towards the back for handle bars and the pinch
(bubble #1) acts as the light and holds the handle bars in place.

Like I said, I designed this to be a quicky 'stand up jet ski' but if kids
think it looks like a snowmobile I'm not gonna argue with them =];-) This
business is much more salesmanship and entertainment skills than it is
twisting ability. When someone asks me "can you make a ......" I like to
joke "Nope, but I can convince you that I did."

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The Balloon Artist
http://members.aol.com/chachacba/private
```
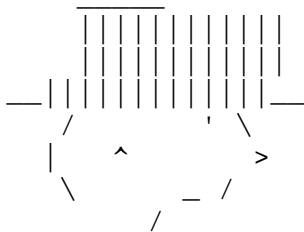
```
From balloon-request@cvs.rochester.edu  Sat Jan 20 00:27:17 1996
         id AA03036; Sat, 20 Jan 96 00:22:37 EST
Date: Sat, 20 Jan 1996 00:22:31 -0500
From: CHACHACBA@aol.com
Message-Id: <960120002229_201748481@mail06.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: snowmobile?
```

In a message dated 96-01-19 20:31:13 EST, you write:

> Desperately seeking snowmobile!

Here's a quick one I use for both a snowmobile and a jet ski.

Inflate all but 6", make a 3/4" bubble and pinch twist with the knot.
Do a 5 bubble pinch & pop series for handle bars (3", 3/4", 1/2", 3/4", 3")
Twist lock and then pinch 3/4" bubbles. (Save the pop for last.)
Make a 2 1/2" bubble and then a 5 bubble pinch series (3 1/2", 3/4", 1/2",
3/4", 3 1/2")
Twist lock at the bottom of the 2 1/2" bubble and pinch the 3/4" bubbles.
Make 2 more 3/4" bubbles, twist lock together and pinch both.
Finish by removing the excess balloon and popping the 1/2" bubble in the
pinch & pop series.

I also make a one balloon mouse on a 4 wheel motorcycle if you're interested.

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        CHA CHA
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The Balloon Artist
http://members.aol.com/private/
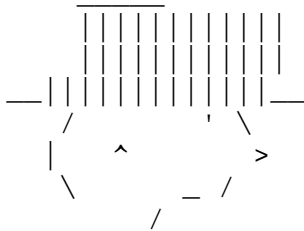
Date: Wed, 9 Apr 1997 12:41:21 -0700 (PDT)
To: balloon@fooledya.com
From: Lorna Paris <lparis@mail.sdsu.edu>
Subject: jewelry ideas

any animal with a diamond patter for the legs makes a great arm riding
(teddy bear, kitten, monkey, etc) bracelet.

also 130's that are braided or spiraled can be arrtactive.

tightly cold snakes make with 130's make GREAT arm bands.

1 260 (fully inflated tied to an inflates round with a 6" geo blossom around
where they meet is a HUGE ring.

Balloon HQ has a great crown that Marc balzer posted. . . this can very
easily be modified into a tiara with a few less twists.

Balloon HQ also has some earrings that Fred Harshberger posted (functional
and WAY cool.

a 130 around the neck with an animal riding it as a pendant. . . I usually
use 130's for all my wearable jewelry creations .

130's also make great sunglasses that don't get in the way.

hrmmmm. well thats all _i can think of off the top of my head but I'll think
somemore.

Lorna

```
From lm03_cif Thu Feb  6 18:37:42 1992
Received: from gawain.cif.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA01751;
Thu, 6 Feb 92 18:37:38 EST
Received: from uhura.cc.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id AA07705;
Thu, 6 Feb 92 18:34:32 EST
Received: from troi.cc.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA01743;
Thu, 6 Feb 92 18:37:28 EST
Message-Id: <9202062337.AA01743@uhura.cc.rochester.edu>
From: lm03_cif (Larry Moss)
Date: Thu, 6 Feb 1992 18:37:29 -0500
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@gawain.cif.rochester.edu
Subject: kangaroo
Status: O
```

This is one of the first figures many kids ask for when I tell them to try
to stump me. I think it looks pretty good and it's farily easy to make.
You can sometimes even get them to jump - albeit usually backwards, but
it's a start.

Inflate a 260, leaving about a four inch nipple. Start with the standard
nose (~1.5"), two ears (~.5"), and neck (1" - 1.5"). Now make arms out
of two 2.5" bubbles. Make a bird body using three bubbles about 5"
long. Now finish off with two legs and a tail. The legs should be
somewhat larger than the arms.

Now if you've followed that you have something that looks almost entirely
unlike a kangaroo. You need to force the various parts of the figure to
stay in their places. I've found that you can pull the lower portion of
the middle bubble of the body down, just slightly between the legs. By
slightly I mean just enough that there is enough friction to keep the
legs in place. The same thing can be done with the arms and neck. One
thing to keep in mind when tucking the body into the legs is that it
helps to form the shape of a kangaroo that most people are familiar
with. The lower portion of the body can be made to stick forward enough
that it looks like there could be a little pouch.

If someone asks to see it jump, I pick it up to move it to a "better"
spot on the table so it has some room. As I pick it up I free the legs
from the body. When I place it back down I hold it against the table so
it looks the way it did before with the legs close to the body and
quickly release it. The legs act like a little spring.

From: "Perry, Troy" <taperry@NTSVR05.USWNVG.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: kangaroo
Date: Tue, 9 Jul 1996 07:33:41 -0700

Hi everyone,

I've just been learning some new things from Jean Merlin's book Great
Balloons. His mother kangaroo with 'child' is one of my favorite quick,
one-balloon sculptures. Right up there with Marvin Hardy's swan and
parrot in a swing. Great reactions from everyone so far.

While I was playing with that I remembered seeing a note from someone
saying a kangaroo was one of the most frequently requested when people
are playing Stump the Balloon Artist.

I came up with a modification that makes a bit more realistic kangaroo.
At least I think so. Here it is:

Troy's Recipe for 'Roo
****

Needed: One 260, about 6 inches uninflated.

1 1/4 inch nose
Two 1/2 inch ears, lock twisted
1 1/2 inch neck
Two 1 1/2 inch arms, lock twisted
1 inch bubble
Two 3 inch bubbles, lock twisted. One 4 inch bubble rolled through them.
Two 2 1/2 inch feet, lock twisted
Remainder is the tail.

Wedge the neck and 1 inch bubble into the pair of arms.
Wedge the longer of the bird body bubbles into the feet.
Curl the tail. I should sit up nice and 'roo-like on a flat surface.

Troy Perry
copyright 1996 (you never know)

```
Date: 12 Jul 96 17:16:26 EDT
From: Fred Harshberger <103322.3000@CompuServe.COM>
To: "balloon@fooledya.com" <balloon@fooledya.com>
Subject: Re: more kangaroo

Hi guys,
Re:
>I must be too young a whippersnapper to know about the 'traditional
>boxing gloves with thumbs. The only ones I've seen were just one-inch
>bubbles. If you'd explain how to make them and the chihuahua head, I'd
>be most greatful.
>Troy
It's not you Troy.  It's a display "line".
A common visualization of a kangaroo is the cartoon one with boxing gloves.
In performance, I would do the 'roo with boxing gloves, and as I finish I'm
saying, "...and of course this one is the traditional type kangaroo..."
display sculpture)"...with boxing gloves!" (Ta-da) exit to laughter and thunderous
applause...(Hey, as long as you're scripting a scene anyway)

Kangaroo arms, various levels of:
 1) speed model: 1 bubble loop twist (1,2,3 dog style)
 2) basic: 2 bubble loop, lock twisted
 3) w/ basic boxing gloves: 4 bubble loop, lock twisted (arm,glove,glove,arm)
 4) w/ advanced gloves: 4 bubble loop, pinch-twist (bear ear) 2nd & 3rd bubbles, then
    split twist each pinch-twist, off center, into glove with thumb.
 5) Ready to box: same as #4, but use 5 bubble pinch-twist & pop series to
    separate arms.
It all depends on how fancy you want to get / time available, the usual.

Chihuahua head:  (o.k., *you* think of a better name)
A utility head with pinch-twist ears, suitable for use (with minor adjustments)
for the chihuahua (or puppy), monkey, bat, climbing mouse.
1" nose bubble (#1)
3/4" ear bubble (#2)
1 1/4" head bubble (#3)
3/4" ear bubble (#4)
pinch-twist bubble #4
pinch twist bubble #2
hold bubble #1 (nose) against remainder of balloon with left hand
grip bubbles #2,3&4 in right hand, rotate wrist to twist lock cluster.
(This sequence I find to be easier & faster (with practice) than pinch twisting
the ears, *after* making a loop.)

Sheesh.. for all this writing I should have just posted a complete 'roo.
Anyway, there you go Troy, much more than you wanted to know.
Enjoy.
Fred Harshberger
"The Balloon Dude"
103322.3000@compuserve.com
```

```
From balloon-request@cvs.rochester.edu   Mon Feb 19 16:11:45 1996
         id AA24155; Mon, 19 Feb 96 16:06:41 EST
Date: 19 Feb 96 16:04:52 EST
From: FRED HARSHBERGER <103322.3000@compuserve.com>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re: balloon surgery
Message-Id: <960219210451_103322.3000_JHL97-1@CompuServe.COM>
```

Kidney? Under inflate a heart balloon, and squeeze the air up into the "lobes".
Then tie the knot as high up the neck / body of the balloon as you can get, to
loose the bottom point of the heart. Ta-Da...Kidney. Or just use a 350 and
isolate a pinch twist / bear ear. One balloon inside another to fine tune the
color. Hey, how about pre stuffing a balloon seed or superball inside the heart
for a kidney stone? Or a small koosh ball to show the jagged edges? (I know
from painful personal experence that few stones are actually round.)   Have you
ever done the trick where you push a balloon seed into a 260 and don't tie the
knot, having the ball block the opening? Then squeeze the inflated portion to
make the ball shoot out? "See Mr. Harshberger, this uninflated section
represents the nornal size of the tube coming out of the kidneys, but when it is
blocked by a stone (balloon seed) pressure builds up behind it, expanding the
tube (inflated section), causing the intense pain you are feeling. Mr.
Harshberger? Hello? Please stop screaming while I'm trying to explain..."
Been there.
W.y.m.t.a.f.p.
Fred - The Balloon Dude
103322.3000@compuserve.com

```
Date: Thu, 6 Jun 96 01:29:50 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re: Orka's or Killer whales

Bizzy asks,
>Does anyone have a balloon which resembles an orka?
>
>Living in Oregon with Kaeko, I find it necessary to figure this
>out.  A friend of mine has one but it is quite complicated and
>takes a lot of time.  I need a relatively quick one.
>
>Thanks.
>
>Keep a smile in your heart!
>
>Bizzy

I've got one that takes me about 3 to 4 minutes. I'll post the
illustrations for making it, but I'm not so good at written instructions.
If you phone me, I'll try to talk you through it. (214)293-2038 You might
be able to get it from the pictures, but if not call me at BR-549.

        Good fishing,
                John.
```

#1 (2 black balloons for the main body)

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#2

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         \__)(_____)(_____)()*< [b]
           [c]        [d]          [e]


#6   (1 black balloon for the tail)
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#7                                 _
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          [b]  --(_____/(_)   ||
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#8   (1 white balloon for the chin & belly)
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          >*(_____)(_____)(_____)-----------
          [c]      [d]      [c]                  [e]


              _____ _____
             /_____\*/_____)-------
          [d]_____/[c]            [e]
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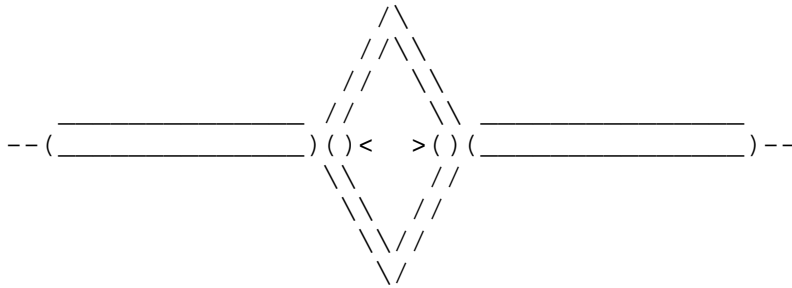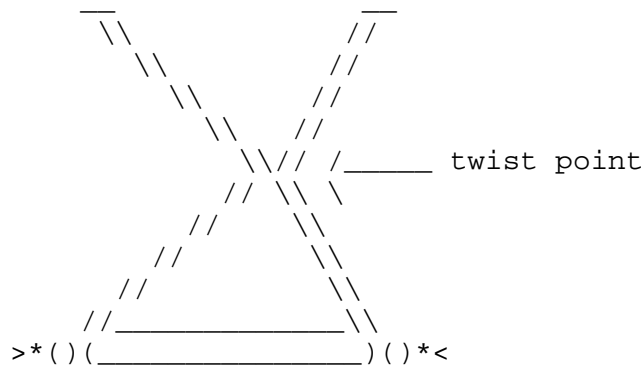
FINI!!!!

From: "Bruce Chamberlain" <BruceCh@burgoyne.com>
To: "Balloon List" <Balloon@fooledya.com>
Subject: Fw: My heros
Date: Thu, 17 Oct 1996 19:42:25 -0600

Brit sent this to me, but I think it was intended for the whole list so I
am forwarding it along:

 On Thu, 17 Oct 1996 11:33:58 -0600 "Bruce Chamberlain"
 <BruceCh@burgoyne.com> writes:
>   I've never had a chance to meet other twisters and it was really fun.
> >frankly, twisting as a group has a whole new and interesting dynamic, if
> you have a chance to do what, where ever, don't pass it up

 I couldn't agree more! At the MACA convention, I met some really
 fascinating characters and got a chance to jam with John Holmes and a guy
 by the name of Joe St. Marie, plus a few others and it was an eye opener.
  I think I've mentioned before that I've not had the chance to see many
 other twisters and I always had more skill than they, I can't say that
 now.   These jams are awesome!

 To balloon relate, John asked me to post this - as far as I know it's one
 of mine;

 1/8 balloon Koala Bear ring/ponytail holder

 Inflate a 260 about 3-3 1/2" and tie (do not burp the balloon) make the
 smallest bubble you can (1/10") and make a teddy bear head - that's 7
 bubbles, #4 and #6 are ear twists then lock twist the 2nd junction and
 the last one you have in your hand. Then take b]#1 and push it through
 the center of the the 5 you're holding in your hand and twist your ear
 twists - make 4 more bubbles and lock twist them at the junction of the
 head and after the last one. Make one more bubble about 11/2" and roll
 it through the 4 you have in your hand and remove the extra, leaving
 enough to lock off the end by tying it [my preference] and tuck it in or
 wrap it around through the balloon several times.

 Cut the lip off and pull the rest down like you're going to choke the
 bear and wrap it twice around the "neck" (there really isn't one) and
 tuck the end {to make a Panda, twist the face into an ear twist} . Take
 the scrap and tie one end to the obvious junction of the legs and tie
 several knots in the other end so that you can just wrap it through the
 junction of the other set of legs (so it can be removed easily if you put
 it in their hair). Now draw a face, I always put a dot on the big belly.

 Hope you like it and if you need help, just ask.

 Brit (with a new clown name, "Duh...Clown") Anders

From mainfram!raymond.bowers@clark.net Thu Sep 15 20:32:13 1994
Received: from clarknet.clark.net by mother.ent.rochester.edu with SMTP id AA27370
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 15 Sep 1994 20:32:13
-0400
Received: by clarknet.clark.net (5.0/SMI-SVR4)
         id AA16843; Thu, 15 Sep 1994 20:28:11 +0500
>Received: by mainfram (PCBuucp 2.0) with UUCP id 3CCDBD; Thu, 15 Sep 94 19:10:09 -0500
To: balloon@mother.ent.rochester.edu
Subject: Introduction
From: raymond.bowers@wdn.com (Raymond Bowers)
Message-Id: <6f.14914.1700@wdn.com>
Date: Thu, 15 Sep 94 14:46:00 -0500
Organization: World Data Network, Inc. Since 1984. Telnet wdn.com.
Content-Type: text
Content-Length: 3973

LM> that can answer your questions or benefit from your suggestions. You may
LM> wish to introduce yourself to the list to let us all know what level
LM> you're at and any other interesting facts there are to know about you.

   Hmmmm . . .   Well first off, I should probably say that I have never
used a list server or whatever, so if I make a mistake, please let me know!
I am getting newsgroup and e-mail gatewayed through a BBS, and I use an
off-line mail reader, so I am not always sure if everything gets through
properly . . .

Hi Folks!

   I am Ray. I got into balloon sculpting through Juggling. Seems like every
juggling festival i go to there are thousands of balloons laying around and
usually a work shop. I've been juggling (just a hobby) for a couple of years.
Last year, i picked up a small book at The Juggling Capitol in Washington
DC and really got into it. We actually have quite a few people here in the
Baltimore/DC area who do this quite a bit for side jobs. I did for a bit,
but, let's face it, computer programming pays just a little more . . .

   If you want to try and get a larger audience for this list, someone should
post about it in rec.juggling and maybe ask that info on it be added to the
Juggling Information Server (JIS) (http://www.hal.com/services/juggle).
I am sure lots of jugglers would be interested in knowing about this.

   Anyways, I'm 26, I juggle, play around with baloons, make chain mail,
hop around internet, and wonder who god was talking to when he said "Let
there be light." (I just really wonder about people who constantly talk
to themselves...).

   I don't know what else to say. I don't know what discussions are like here
and I've never tried to describe how to make a baloon animal in a message.
Hmmm . . .   I'll try one.

   I just learned how to do a lady bug bracelet recently. It is a cute, simple
little thing that fits on a kid's wrist well . . .

   Inflate a baloon about 3.0 inches inches. Make a twist about 2 inches
in from the end. The thing may look approximately (with a lot of help
from your imagination), like this :

      ___ __
    {   X   }===================
     --- --

  Now, take the second bubble from the left and make three twists in it to
make it into 4 small bubbles.


```
      ___ _ _ _ _
    {    X X X X  }===================
     --- - - - -


          ^
          |
```
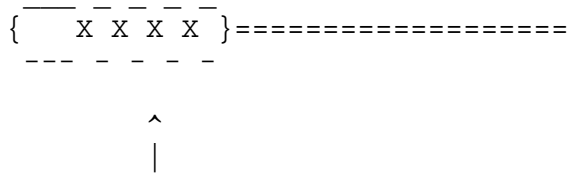
  Fold the thing in half between the 4 small bubbles just made (as pointed
to above) to get the following below.

```
                (a)|
                   v

                ___ _ _
        (c) {    X X >
             --- - - |
                  _ _ |   (d)
==============={ X >
                - -
                 ^
            (b)|
```
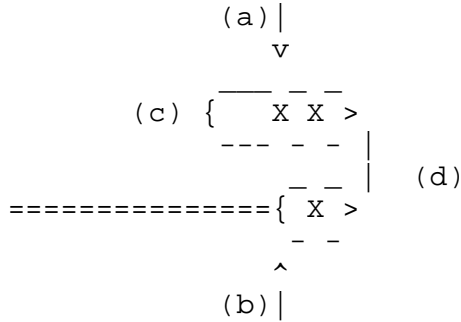
  Now, twist together the first twist (a) you made way back innumerable
steps ago and the tail (b) as pointed to above. At this point, I can't
think of a way to draw it. The four little bubbles are now all connected
in a little 2 by 2 square. These are the four feet of the bug. Fold the
largest (first) bubble over and using the knot in the end (c), tie it to
the twist between the two feet on the opposit side (d).

```
         _____
        (_____)
       /(_)(_)\     Take the long tail, tie it to (d) also and that it the strap
      /        \    that goes on a person's wrist.  From the side, it looks like
      |        |    this (again, very sort of, kind of).  The lady bug is the
      |        |    5 bibbles at the top (2 are hidden).  The uninflated baloon
       \------/     is the wrist strap.
```
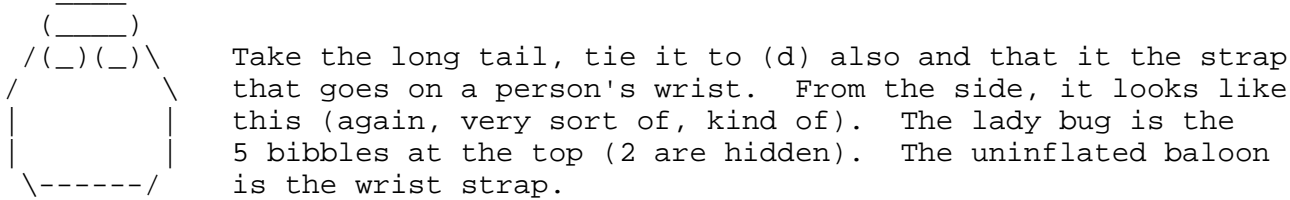
  Anyways. It is cute, quick and a kid can wear it! That's important because
if they have to carry a balloon, it will either get popped or a parent will
have to end up carrying it within 15 minutes . . .

  I am just barely an intermediate sculptor. I look forward to hearing from
others and seeing what you can do. Anyone know how to do Barney? I want to
be able to make one and then CRUSH HIM! <sinister chuckle>

TTYL!
raymond.bowers@wdn.com

 ~ OLX 2.2 ~ A single fact can spoil a good argument

```
From balloon-request@cvs.rochester.edu Mon Apr 24 23:16:54 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA21347
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 24 Apr 1995 23:16:54
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA17959; Mon, 24 Apr 95 23:03:37 EDT
Resent-Date: Tue, 25 Apr 1995 12:59:21 +1000
Old-Return-Path: <Simon.James@agsci.utas.edu.au>
X-Sender: srjames@postoffice.utas.edu.au
Message-Id: <v01510100abc1fbb1e801@[131.217.49.134]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 8bit
Date: Tue, 25 Apr 1995 12:59:21 +1000
To: balloon@cvs.rochester.edu
From: Simon.James@agsci.utas.edu.au
Subject: Turtle, LadyBug, VW and a Penguin
Resent-Message-Id: <"lApI42.0.TO4.8Q6dl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/204
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

G'day 'looners

I've been polishing my skills (as they are) but have been ending up with a lot of weasels
(you know - pop!). What to do with a bunch of stumpy balloon ends? Well waste not want
not so here is few *simple* recipes for using the mouses tails after the mouse has gone.

1. Bend the lip over a few times to aid inflation (and get rid of the ragged bits).
Inflation takes a bit more effort than normal but it's easy once you get the hang of
being careful of the new lip and giving the balloon a bit of a stretch to get that first
bubble.

2. Inflate leaving a 1-2 inch tip, twist four bubbles and a longer one. I'm being a bit
vague here because the length of balloon obviously varies.

```
.(_)(_)(_)(_)(__)..
```

3. The four regular bubbles twist together to form a flat ring.

```
.(_)(_)(_)(_)(__)..
 _____/
```

3a. For the Turtle or the LadyBug; Twist a small bubble on the end of the larger bubble.
Bend them both (head and body) over the top of the flat ring (legs) and tie the leftover
tight between the regular bubbles.

```
.(_)(_)(_)(_)(__)()..
 _____/
       _____/
```

Giving (side view)

```
(__)()
(_)(_)
```

Draw a shell pattern for the Turtle or wingcase and dots for the Lady Bug.

3b. For the VW simply make the above but with no head (or toe twist headlights with the

head if you're clever) and draw on a few doors, hubcaps etc.

3c. For the penguin, push the longer bubble up between the flat ring (rocks) squeeze it and the leftover into a standard birds head pointing down as much as possible. And so, a penguin sitting on its rocky nest. It doesn't even need detailing IMHO.

```
    <\
    | |    (hmm, something like that -- side view)
  (_)(_)
```

I got the inspiration for these simple models from a turtle in a book by Kay Watts "Balloon Sculpture" (1988) which I wouldn't recommend, scripture orientated, simplistic and boring (Um, I hope Kay is not on the net).

BTW while I'm posting, just my ten cents worth on something else. The ostrich described by Larry in the mail backlog is excellent. If anyone hasn't checked it out it's on

 <http://www.dcs.hull.ac.uk/~bp/balloons/mail.25273>
 (in Barry's highlights list)

With adjusted leg length and some reins it makes a great "Safari Simon and his Amazing Riding-Ostrich".

Tschus, ja mata, see ya, Simon.

```
From AF12791@academia.swt.edu Tue Nov  1 13:55:43 1994
Received: from nyssa.swt.edu by mother.ent.rochester.edu with SMTP id AA29186
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 1 Nov 1994 13:55:43
-0500
Received: from academia.swt.edu by academia.swt.edu (PMDF V4.3-7 #6249)
 id <01HIYQT32OJ4CU0MSY@academia.swt.edu>; Tue, 1 Nov 1994 12:45:38 CDT
Date: Tue, 01 Nov 1994 12:45:38 -0500 (CDT)
From: Aaron Fasel <AF12791@academia.swt.edu>
Subject: Re: Baby Simba Balloon
To: toddc@ihlpm.att.com
Cc: balloon@mother.ent.rochester.edu
Message-Id: <01HIYQT32RCYCU0MSY@academia.swt.edu>
Organization: Southwest Texas State University
X-Vms-To: IN%"toddc@ihlpm.att.com"
X-Vms-Cc: IN%"balloon@mother.ent.rochester.edu",AF12791
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
```

>Aaron,

>   Your description of of the Baby Simba balloon has me
>a little confused. Could you share with me (us) the details
>of making the complete balloon from beginning to end?

>   Thanks,
>   Todd A. Claxton
>   Balloon Hobbyist, Clown, Juggler

        Sorry. Let's try again.
        Start with a yellow 260
        Fill balloon about 4 feet.
        twist 3 same sized bubbles that are each about 3-4 cm.
        Lock them so it looks like a mouse head:

```
            ( 2 )( 3 )
              ( 1 )
Nozzle--------->/\
```

        Now *wrap* the nozzle so the knot goes over the twist between the
                "ears" (bubbles 2&3) of the "mouse"

        If you wrap it tightly, you'll get a little triangular bubble between
                the "ears"

        It's hard to draw, but here's my best shot at it: (Realize that the
                nozzle can not be seen if this was done correctly.)

```
            (1 )/\( 2)
            (__/ 3\__)
```

        This also creates artificial whiskers from the natural creases and
                folds in the ballon on bubbles 2&3.

        This is the nose and whiskers. Now proceed as you would a bear:

        Twist a one inch bubble.

```
        Twist a 2 inch cheek.

        Twist a one inch ear.

        Twist a 2 inch forehead.

        Twist a one inch ear.

        Twist a 2 inch cheek.

        (face)( )(    )( )(    )()(    )
         ------->                    <----------


        Lock where the arrows point to.

        Shove the face in the middle (as you can see, the extra bubble made
                this easy) and ear-twist the one inch bubbles.

        Finish the body.

        I've always called this a Cat, but if requested to make Simba...VOILA!

        Please advise me on the ease of these instructions.


                                        Aaron
```

Date: Sat, 07 Sep 1996 21:38:24 -0600
From: Philip <pruthven@hiwaay.net>
To: balloon@fooledya.com
Subject: Lion

Here's my lion: (Actually hes part mine, part John Holmes and part
Gordon Neeley'S) Gordon is a local friend of mine who is learning
balloons. We (Gordy and me) were working on a bulldog and lucked into
this one.

You will need 1 Yellow, 1 orange, 1 black, and 1 red balloon. All 260's
of course.

Inflate the yellow about five fingers and tie. Twist off five one finger
bubbles and tie. Tie the new knot to the nozzle. You now have a circle
of bubbles. Trim the excess balloon close to the bubbles so very little
balloon (thats uninflated) shows. Twist any two bubbles that are side
by side together like a dogs ears. These two bubbles will be the eyes.
Now cilp the nipple from the black balloon and suc, or blow a bubble
like a poodle tail and tie. This will be the nose. Slide this nose below
the eyes (yellow balloon) and tie. This will hold the eyes, cheeks and
nose together. Lay this aside.

This part is Johns; Inflate the balloon all but about two hands. Twist a
one finger eare twist, one finger bubble, one finger ear twist, one
finger bubble, two finger ear twist, two finger bubble, two finger ear
twist one finger bubble, one finger ear twist, one finger bubble. This
is a teddy bear type head with no nose. The first ear twist should be at
the bottom. (I am in a hurry now cause my computer will time out).

The Yellow balloon goes on the front and gets tied with the excess black
balloon. Draw on the eyes and whiskers.

I hope it makes sense but email me for any questions.

Heres how to make ot roar! Take the red balloon and slide it throught
the mouth. The nozzel goes from the front through the back and skide all
but an incj or two. Now cut off the very end of the nipple. READY?

I f you blow through the balloon like you are inflating it, it make a
(can I say farting noise without offending anyone). Blow hard and the
lion sounds like he is roaring! Try it. This will work but you might
have to play around with placement.

Anyway thats it...enjoy

Phil

```
Date: Sun, 08 Sep 1996 10:48:38 -0600
From: Philip <pruthven@hiwaay.net>
To: balloon@fooledya.com
Subject: Lion more ideas from Phil
```

My computer has a mind of her own. Not to mention I am no computer geek.
Instead i am still pretty computer retarded. Last night I was afraid it
was going to go to sleep (or whatevere these things do if you ignore em
long enough) so I rushed on the lion destructions.

It really will make sense if you try it. Here's a tip ot two;

I make plain ole doggy leggs with the orange balloon. Nothing fancy
cause you spent much time on the lion herslef.

My favorite thing is to make just the head and pop off the rest of the
orange balloon. Now use the orange balloon to tie the head onto my
suspender straps. The red rassberry balloon is long enough to reach my
mouth and when a kid walks up I blow through it. I'll either ask the
kid "Was that you" or fan my nose and look at the kid funny. Now this
sounds a bit....sick... but it really gets a laugh. I have made Pastors
giggle with this one.

You don't have to cut the red balloon. Take the red one and clip a
couple of inches off from the nipple side and slide the balloon through
the mouth and now it looks like hes blowing you a rassberry!

The "Head only's" as explained above are real popular and once you make
one.....you know the deal.

Sorry if the F**t thing was tacky but that really is the noise and there
is no other name that will do it justice.

Please please please use this. And let me know if you have any
questions.

Phil

```
From balloon-request@cvs.rochester.edu Mon Jul 24 19:36:47 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA03922
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 24 Jul 1995 19:36:47
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA09350; Mon, 24 Jul 95 19:37:46 EDT
Resent-Date: Mon, 24 Jul 1995 18:37:24 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Mon, 24 Jul 1995 18:37:24 -0500
Message-Id: <199507242337.AA22835@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Re: Slick Magazine!
Resent-Message-Id: <"kwwXw1.0.1I2.9x25m"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/441
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

>Wow,...   I got to see what Marvin looks like... and T. Meyers.

Wait till you see them in the swimsuit issue !!!
I wonder who'll be in the centerfold ?   :-)

>Will I subscribe? Lets see... $24 for 4 issues, each issue has 24 pages,
>gosh -- that's $.25 a page!
>
>   -Mark "cut me a deal on the price" Joerger

Hmmm, it is steep... and $24 will buy a lotta balloon books....
Lemme call Ed McMahon and see if it's available at a discount
through Publisher's Clearing House. Then if I win the million bucks,
I'll buy everyone on the mailing list a subscription (and Olga too) !

:-)

Anyway, the engineer and realist in me would like to add a modification to
Marvin's lobster in BMTM: Currently the tail is just 2 balloons runing
lengthwise, but in reality the tail should have a number of "plates" on it
running laterally, plus some detail underneath. A new tapering tail with
four plates can be made like this:

Don't make the two ear (pinch) twists at the rear of the torso. Instead,
cut and tie one of the balloons off (save it because you will need it) and
with the other do this: (numbers are approx size in inches)

```
      _____ _____ __ _____ _____ __ _____ _____ __ _____ ____
... (__2__)(1.25)(.5)(_1.75_)(_1.0_)(.5)(_1.5_)(_.75_)(.5)(_1.25_)(_.7_)...
```

Ear twist EVERYTHING but the .5 inch bubbles.
Arrange them as follows:

```
         ,____.    ,____.    ,___.    ,__.
------.  /     \  /     \  /    \  /    \
torso :   2    :  1.75  :  1.5  : 1.25 :
      :   ET   :   ET   :   ET  :  ET  :
------<:       ,^.      ,^.     ,^.     ,'
torso :>-----<.5 >----<.5 >---<.5 >--<     this will completely
```
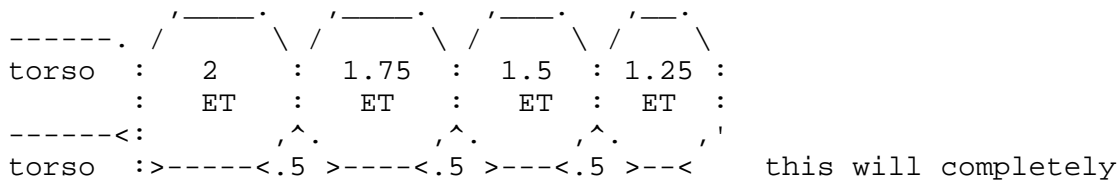
```
        : 1.25  >v< 1.0  >v< .75 >v< .7 >   use up the balloon
------'  `_____'    `_____'    `____'    `__'
```

(actually, on the one I made, I put in a tiny bit too much air, so I had to
let some out, and the resulting knot helped me to make the bottom .7" ear
twist.)
With the left over balloon, twist it into 2 equal length bubbles and tie
the free ends together.
Fold each bubble in half to form the two big ear-twist tail fins, and twist
them in to the joint between the last .5" bubble and the last pair of ear
twists.
The tail will have a very slight downward curvature to it, which can be
adjusted by playing with the halves of the torso and the individual tail
bubbles.

This lobster variation really DOES look good enough to eat!

Mark

   o
  <M>
 _/ _

Date: Fri, 27 Jun 97 17:49:54 UT
From: "Alexandre Guterman" <a_guterman@msn.com>
To: balloon@fooledya.com
Subject: Lollipop

Well I just wanted to share with you something that I ussualy make for the
birthday kid apart from a hat.

Balloon Boy's Lollipop

Okay you will need 3 260Q's
        Colors 1 red
                1 white
                1 yellow

The lollipop uses the same principle as the ears in my Mickey except with two
balloons.Now for the head of the lollipop (the edible part) I ussually use red
and white because it looks sort of like the ussual speriment swirl.

Inflate both red and white 260 leaving about 3-4 inches uninflated (you just
want to make sure you have enough balloon to go around). Take the red balloon
twist a 1.5inch loop twist followed by a 1 inch pinch twist.

```
          __
        /     \
        |    |    |   -> loop twist
        |_ | _|
          (_)        -> ear twist
```
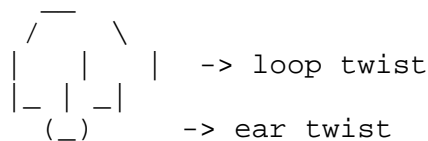
Wrap the nozzle of the white balloon around the ear twist.Now take this
balloon around the 1.5inch loop twist and lock it at the red ear twist.Once
again twist a 1inch pinch twist in the white balloon.Just to be safe don't
deflate the white balloon yet.

```
        _____
       /  _____  \  --> balloon wraped around the initial 1.5 inch loop twist
      /  /        \_ \
     (  (---------(__)  --> 2 one inch pinch twists (other pinch twist is on
the other
      \  \_____  /  /            side)
        _____/
```
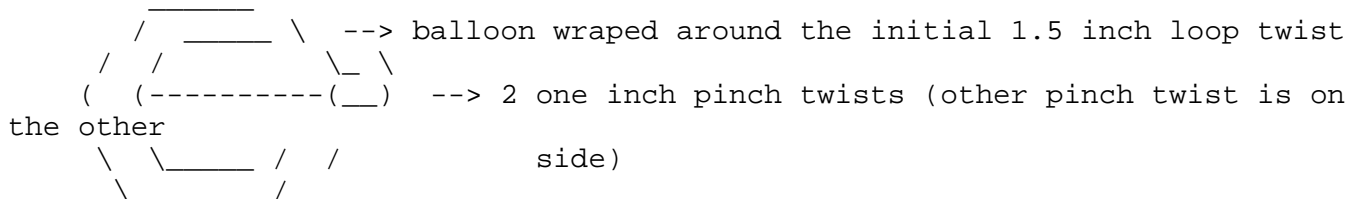
Finally bring the rest of the red balloon around again and lock it with either
pinch twist.Deflate the rest of both balloons tie off and rid yourself of
them.


```
        _____
       /  _____   \
      /  /  ____  \  \
     /  /  /        \_\ /      Three rings
    (  (  (---------(__)     Two pinch twists ( The other pinch twist in the
diagram
      \  \  \_____/ /\        is on the other side of the ear, it can't be seen from
       \  _____/ /     this view
        _____/
```
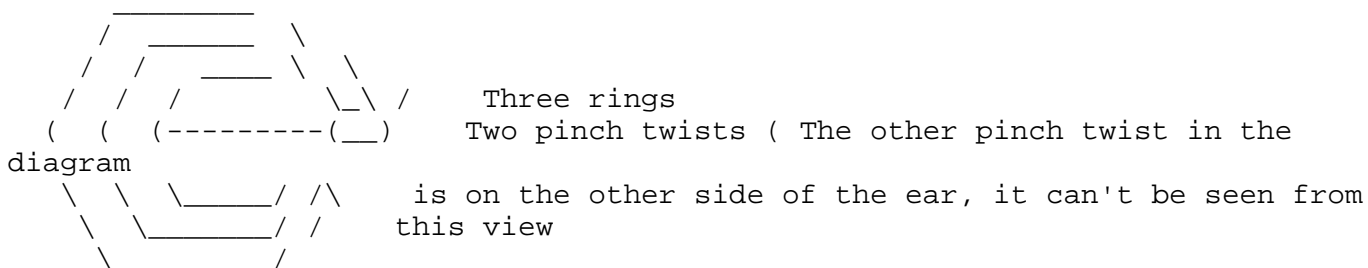
Bring both ear twist to one side.Inflate the yellow (the stick) leaving 2
inches uninflated.Wrapr the nozzle around the two pinch twists and now twist
two 2 inch loop twists.The side with the two pinch twists is the back of the
lollipop.If you turn the lollipop over to the front you might notice the gap
and the lollipop not straight but on an angle.Just twist a big 1inch pinch
twist and move above the loop twist to fit in the gap, bring the rest of the
balloon back and you have your lollipop.

```
             _____
            /  _____   \        _
           /  / _____  \  \   \  /  \
          /  /  /  ___  \  \   \_\  /|  |  |  _____
         (  (  (--------(__)  _  _____)
          \  \  _____/  /\  |  |  |
           \  _____/  / \_/  |  |  |
            _____/  / \_/
             _____/
```
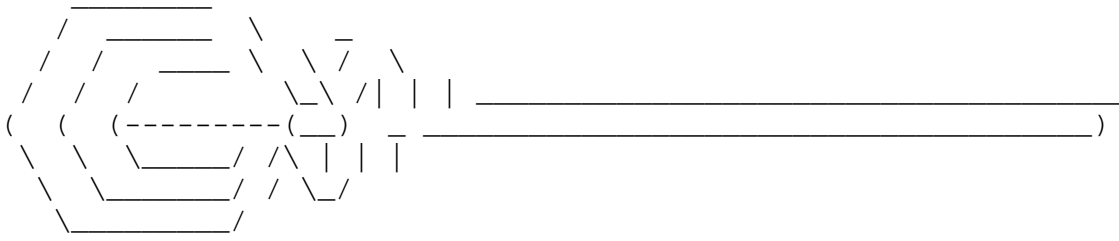
To some it looks more like a flower but I ussually pantomine the licking of
the lollipop and they are convinved. It might look more like a lollipop
without the two loop twists on the stick but I make them more for stability.

Anyways Enjoy,

        The Balloon Boy

```
From balloon-request@cvs.rochester.edu  Sun Sep 24 03:22:26 1995
         id AA24396; Sun, 24 Sep 95 03:15:53 EDT
Date: Sun, 24 Sep 1995 00:15:42 -0700
Message-Id: <199509240715.AAA20339@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: MARVIN!!!!! (AT LAST!!!!!)
```

OK, guys!
   I know that you've been waiting for this, so get reaady for a LONGGGGGGG
message.


```
****************************
LORNA'S MARVIN THE MARTIAN
****************************
```
What you need:
1 black 260
2-3 white 260's
2 green 260's
1 yellow 260
1 red 260
2 red 130's****

(**** note**** if you have no 130's, I'll give you an alternative, short-
armed Marvin body to do. it still looks GREAT but his arms, et al are
shorter; I didn't really like him with long 260 arms, but the 130's make him
more accurate; otherwise the short arms are a god substitute.)

OK, here goes.

Take a white 260, inflate it leaving 5 inches uninflated.
Make 2 1-1 1/2 inch bubbles. Now pop off the rest of the balloon, but tie
off both pieces of balloon because You'll need them both.
Tie the two ends of the smaller piece together. (I know, I know it looks
kinda funny, but it makes for a great joke and you aren't even the one who's
going to make it.) Place the small piece on a table (this is the eyes)
Now, make a 1 1/2 inch bubble and a 6 inch bubble. Make the 6-inch bubble
into a loop (is this called a hook twist?). pop and tie it off. Save the
rest and do this bubble-loop combo again. (these are his hands).

Now, take your next 260; inflat it so that you've got about 5 inches uninflated.
Make a 10 inch bubble and then pop and tie off both pieces. Tie the two
ends of the bubble together. Do this again. (these are his sneakers)
Set his sneakers on the table, with the other stuff.

Next take the yellow balloon. inflate it leaving about 9 inches uninflated.
Make a 3-inch bubble folowed by two ear twists; arrange the ears twists so
the balloon is still straight; the twists do not go one on top of the other,
they're side by side. Squeeze the rest of the balloon to disperse the air,
once quickly.
Now, make pop-apart arms that are about 2 1/2-3 inches long. Wait to pop
them apart. Put this ballon with the other pieces.
(this is the scrub-brush on his hat).

Take the black 260. Inflate it leaving 8-9 inches uninflated.
Pick up the eyes. Tie the knot on the black balloon to the looses ends on
the eyes. Make a loop out of the black balloon that just fits around the
eyes, so that they are both facing out. Now, make a 1 1/2 inch bubble and
pop and tie it off. Throw the remainder of the now, uninflated black
balloon in the table with the rest of the pieces.

(you've just made his head and neck)

Take the first, green 260. Inflate it, leaving about 4 inches ininflated.
tie it to the top crease just between the eyes (you should be able to do
this without showing the knot). Make a bubble about the smae length as the
head is tall and then an ear twist.
next, make a loop that fits from the ear twist , around Marvin's head, just
above his eyes and back to the ear twist. Don't make the loop tight, just
enough to go around.
Make another bubble the same length as the head is tall and then twist the
new part to where his neck meets his head. Pop off and tie off the balloon.
take the loop, and place it so that it runs across his forehead, just above
his eyes. His head should have a very definite front- and back-side.
(this green part is his helmet)
Next, pick-up the scrub brush. Tie the knot on the scrub brush to the ear
twist on his helmet. It should stick straight up. Don't pop it apart yet.
Next inflate the red 260 ***** (no 130's? see ***** after this section,
everyone else skip the ***** section and continue on when you see the
$$$$$), leaving 5-6 inches uninflated.
tie the knot of the red ballon to the knot at the bottom of his neck. Make
a 7 inch birdbody and then make another 7 inch bubble and bring it up flush
against the bidy, Pop and tie off the balloon. (This should be a 4 balloon
wide, 7 inch long body).

Next inflate your 130's leaving an inch or two uninflated. Take the knoe
you're going to use for the arms, make an 11-12 inch bubble and twist it
whaere the neck meets the body. Make another bubble the same length and pop
off the remainder.
Take the 130 you're going to use for the legs and twist it almost in half,
leaving about an inch too long on the side that has the uninflated section.
Run it through the middle onthe body and pull it down and twist it around
the crease at the bottom of his body.
Take the leg with the extra length, and right where his leg mets the body
make two ear twists, and then twist the egs together. This makes a sort of
"martian bottom" but it also keeps his legs under control (THE reason I do
it).

*****
Inflate your red 260 leaving about 5 inches uninflated.
tie the knot of the red 260 to the bottom of the neck. Make a bubble about
6 inches long, make another and then lock-twist them.
Next, make 3 inch long pop apart arms (don't pop them apart yet).
squeeze the rest of the ballon quickly to disperse the air and then, make
another, 6 inch bubble attach it to the rest of the body and push it through
like a bird body.
Next, make 3 1/2 inch long pop apart legs (don't separate them yet).
You should have just enough loose balloon left to tie them to the crease at
the bottom of the body, where to legs originally sprouted from

When I tell you to attach the hands and feet, then that's when you'll pop
apart the arms and legs.

$$$$$
Pick-up your last balloon, it should be green.
Inflate it, leaving about 4 inches uninflated.
Make a loop around Marvin's body. Take the green balloon and twist the
loop, but don't do it while it's around his body. Next make 3 ear twists in
a row, arrange them so they ar one right next to the other, they'll look
kind of like a pair of lips coming to kiss you.
Make another loop that is about an inch bigger around than the first loop.
in diameter than the first loop. Make a 1 inch bubble and twist it around

the 3 ear twists, so that it rests on top of them, kind of like... If the
twists were lips, they would be sticking their tongue out. Pop of the
remainder.
Now, usually, this sirt doesn't like to stay together, so I take that borken
black balloon remainder and tie it to the front of the skirt to hold it
together.
Put the skirt on Marvin's body, just low enough so that you can't see where
his legs meet his body.

(people without 130's---pop apart your arms and legs)

(people with 130's---you'll be making 1-2 inch bubbles in the ends so you
can attach the arms and legs to the body.)

OK, Attach your arms and legs. Just twist them to their respective limbs.
I'll trust that you all have the sense to figure out how to just attach
them, without having to explain in detail.

Pop apart the yellow scrub brush and make sure that it forms the letter-T.
The "T" should run from front to back.

Draw angry looking eyes on his eye balls, and you're done!!!!!!

Any questions?????
Did I leave anything out???
Is anything unclear???

I do all the little peices first and then attach them because I love the
look of eveyone's faces as they look at them and examine them and try to
figure out what they are. Esp. when they don't know what I'm making. It's
great to keep 'em guessing. Usually, the Marvin fan in the crowd figures it
out when you finish the head.

Have fun with Marvin!!!!
and PLEASE tell me what you think.

---Lorna Paris


```
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     o     o
     |     |
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      / \
    _/   \_
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From balloon-request@cvs.rochester.edu Mon Oct 23 19:54:52 1995
        id AA16909; Mon, 23 Oct 95 19:29:31 EDT
Date: Mon, 23 Oct 1995 16:29:20 -0700
Message-Id: <199510232329.QAA11737@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: MARVIN!!!!! (AT LAST!!!!!)

OK, guys!
   I know that you've been waiting for this, so get reaady for a LONGGGGGGG
message.

****
LORNA'S MARVIN THE MARTIAN
****
What you need:
1 black 260
2-3 white 260's
2 green 260's
1 yellow 260
1 red 260
2 red 130's****

(**** note**** if you have no 130's, I'll give you an alternative, short-
armed Marvin body to do. it still looks GREAT but his arms, et al are
shorter; I didn't really like him with long 260 arms, but the 130's make him
more accurate; otherwise the short arms are a god substitute.)

OK, here goes.

Take a white 260, inflate it leaving 5 inches uninflated.
Make 2 1-1 1/2 inch bubbles. Now pop off the rest of the balloon, but tie
off both pieces of balloon because You'll need them both.
Tie the two ends of the smaller piece together. (I know, I know it looks
kinda funny, but it makes for a great joke and you aren't even the one who's
going to make it.) Place the small piece on a table (this is the eyes)
Now, make a 1 1/2 inch bubble and a 6 inch bubble. Make the 6-inch bubble
into a loop (is this called a hook twist?). pop and tie it off. Save the
rest and do this bubble-loop combo again. (these are his hands).

Now, take your next 260; inflat it so that you've got about 5 inches uninflated.
Make a 10 inch bubble and then pop and tie off both pieces. Tie the two
ends of the bubble together. Do this again. (these are his sneakers)
Set his sneakers on the table, with the other stuff.

Next take the yellow balloon. inflate it leaving about 9 inches uninflated.
Make a 3-inch bubble folowed by two ear twists; arrange the ears twists so
the balloon is still straight; the twists do not go one on top of the other,
they're side by side. Squeeze the rest of the balloon to disperse the air,
once quickly.
Now, make pop-apart arms that are about 2 1/2-3 inches long. Wait to pop
them apart. Put this ballon with the other pieces.
(this is the scrub-brush on his hat).

Take the black 260. Inflate it leaving 8-9 inches uninflated.
Pick up the eyes. Tie the knot on the black balloon to the looses ends on
the eyes. Make a loop out of the black balloon that just fits around the
eyes, so that they are both facing out. Now, make a 1 1/2 inch bubble and
pop and tie it off. Throw the remainder of the now, uninflated black
balloon in the table with the rest of the pieces.

(you've just made his head and neck)

Take the first, green 260. Inflate it, leaving about 4 inches ininflated.
tie it to the top crease just between the eyes (you should be able to do
this without showing the knot). Make a bubble about the smae length as the
head is tall and then an ear twist.
next, make a loop that fits from the ear twist , around Marvin's head, just
above his eyes and back to the ear twist. Don't make the loop tight, just
enough to go around.
Make another bubble the same length as the head is tall and then twist the
new part to where his neck meets his head. Pop off and tie off the balloon.
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his eyes. His head should have a very definite front- and back-side.
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look of eveyone's faces as they look at them and examine them and try to
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great to keep 'em guessing. Usually, the Marvin fan in the crowd figures it
out when you finish the head.

Have fun with Marvin!!!!
and PLEASE tell me what you think.

---Lorna Paris


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```
From balloon-request@cvs.rochester.edu  Mon Aug 14 19:16:04 1995
          id AA28240; Mon, 14 Aug 95 19:15:15 EDT
Message-Id: <v01510107ac5585a7297e@[131.217.49.133]>
Date: Tue, 15 Aug 1995 09:11:25 +1000
To: balloon@cvs.rochester.edu
From: Simon.James@agsci.utas.edu.au (Simon James)
Subject: Re: One fish two fish red fish blue fish...
```

>>The tail should have a loop (ii), a long bit (iii) and a stub (i). The stub
>>can form two ear twists to hold the fins vertical. The long bit forms the
>>other fin plus a bulbous bit that goes between the fins.
>>Simon over and out.
>Kevin, this is where I get a little lost. Please tell me, about how long
>these last bits need to be, I think I've got it, but I'm not entirely sure.
>So far you are on to something really cool. I like!!!
>
>Lorna

Hmm, I don't know if you're Dan or Lorna but I'm Simon, curse these auto
.sig adders. Anyway the tail bit vary with balloon length, I find that I
may have between 3-7 inches for each loop, if there's enough for one have
that on top and the remainder sticking out as a long fin.... each fish is
different! In one case I had to blow up another balloon and make a fin,
obviously I was too extravigant with the body.

Something else for you to try.

A fright mask;

Make the eyeball/fin bit from the multiballoon fish out of a red balloon
but leave the last fin straight (this is a handle).

Blow up a black leaving about 4 inches. Do two eyesocket loops, then a 3
inch loop nose then 2 inch, 1 inch (eartwist), 3 inch, 1 inch (eartwist), 2
inch, deflate the remainder.

Put the red eyes in and the fin goes in the mouth to make a tounge. Draw
nasty snake slit pupils on the eyes.

See, this skill can be used for evil as well as good, I put a couple of
arms, a ghost body on this one and it looks *real* nasty.

Simon (not Kevin).

```
Date: Fri, 01 Nov 1996 05:50:35 +0800
From: Zephyh <zephyh@pacific.net.sg>
To: balloon@fooledya.com
Subject: balloon trick
```

Hi! I'm a clown from Singapore,SweetHeart.
Been reading this list with great pleasure and interest, and I've
decided to contribute this routine which I do. (Not sure if anyone has
contributed similar.)

The pregnant poodle in Singapore, is referred to as the dog with the
fishball stuck inside. (The fishball is exactly like the meatball, but
made of fish paste instead.)

I've done two things with this:

1.

Sing the song " On top of Spaggatti, all covered with cheese, I lost my
poor meatball, when somebody sneezed. " [Here's where the twisted bubble
disappears!] " It rolled in the garden, and under a bush, and then my
poor meatball, was nothing but mush " [The balloon's twisted into a dog
by now] and I ask the kids, "Do you really think the meatball became
mush? It's such a big waste, isn't it? " They'll say NO.. (typically)
and I'll show them the dog with the bubble inside and go.. 'You're
right, this pretty little poodle gobbled it up - now who wants it?'

2.

Ask your daddy for a 10 dollar bill.

[Lots of response on this]

I choose some cute kid with a nice looking dad (So that they don't
demand that I pay them their 10 dollars)

Here's what happens :

I am not a magician, but I can do wonders with this ten dollar note.
Fold it up.... the smaller you fold it, the wonderful the trick will be.
Children, is it small enough? [Children usually say no, and the
boy/girl with the 10 dollar is put to work at folding it again.]
Then I take it, and keep talking to the kids, redirecting their
attention to different parts of the room while pushing the 10 dollar
note into the balloon. Meanwhile, I twist this into a teddy bear or a
dog, in some appropriate place and say ... opps! The dog/bear took his
10 dollars, can you believe it? [Kids will go, Oh no! and the kid with
the note will usually look really excited (he knows I'll have to give
the balloon to him) and his parent will look rather pained... and I
say... looks like he's chosen to go home with you! Tell mummy or daddy
that you bear/dog will be nice enough to give the money back to them in
a weeks time...

That's basically it... hope you enjoyed this post!

SweetHeart the online clown
http://home.pacific.net.sg/~zephyh

```
From balloon-request@cvs.rochester.edu  Tue Dec 12 07:46:34 1995
        id AA26551; Tue, 12 Dec 95 07:44:00 EST
Date: Tue, 12 Dec 95 07:43:50 EST
From: batten@kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9512121243.AA13472@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: menorah
```

   Hey all, Larry has asked me via e-mail to recap a menorah I made last
year (We each did a show for two seperate Hanukkah/Chanukah parties
last year, his was the morning after mine so he got to see it hung on
the wall).

   It was actually very basic, the inspiration came, I believe, from Tomato
who is out on this list some where.(side bar: briefly talked to Tomato last
night, she informs me that it was a mark someone who inspired her... I guess
nice things just find a way of making it around to nice folks.. thanks Tomato)

   I started by almost fully inflating 5 white 360's, then two yellow 260's
leaving about a 5 inch tail on each, squeeze the air down in the 260's so
you actually end up with a tail at each end. (or just blow them that way if
you are so inclined.(Side bar: almost fully inflate 4 of the white 360's,
the fifth one needs some extra space for expansion, it will be used as the
"UPRIGHT" cross piece in the description)

The two 260's were twisted at their centers.

I formed a cross with two of the 360's making sure that when the cross section
was curved upward, its two ends would be slightly lower than the upright.
This means that its almost like an upside down cross. You have to play
a little to find the right spot.
The twist of the 260's was placed on the left side of the center balloon,
two ends of it were wrapped around the center balloon and twisted off. This
creates a 'holder' for the center balloon, and you now have two ends
coming down off of each side. The rest I think begins to become obvious,
you take one of the cross pieces, position it up and between the two ends
of the 260 on its side, then twist the 260 on its other side.

   Make a 3 inch bubble on the upright (below the existing cross) and attach
another 360 in the same manner as the first cross, bring each end of this
cross section up next to the first, wrap the 260 around it and twist.

   Do the same for the remaining two balloons, the ends of each new cross
piece will be slightly lower than the one previous to it, the 260's form
a chain type decoration for the Menorah which also holds every thing in
place. Since the 260 is just wraped around the 360's, they can be positioned
up and down as needed to create a nice 'flowing' line.

   The next part was labor intensive, and was probably more wasteful than
I needed to be, but I wanted it to look right... I inflated a two inch
bubble into 9 red balloons, then squeezed each of these up to about one
inch from the other end. I retied the knot about an inch below this bubble,
cut the new bubble with a 'nipple' off, and apple twisted one of these into
each end of the twisted balloons, This creates flames for the candles.

   You will probably be left with a long 'stem' from the center (upright)
candle. I suppose you could form this into a base, or use it to attach to

a base. All I did was tie and remove it. My intention was to just have some
double sided tape attached to it so it could be stuck on a wall.... and
that's exactly what they did. Looked nice up there didn't it Larry?

   Hope this was clear enough, the concept is actually pretty straight forward,
it was just working with those slippery 360's that caused me grief.

later - jim batten

```
From balloon-request@fooledya.com  Tue Apr 30 19:02:50 1996
Date: Tue, 30 Apr 1996 16:49:13 -0600 (MDT)
From: Sir Twist <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@fooledya.com>
Subject: Mickey Mouse!!
Message-Id: <Pine.A32.3.91.960430155428.17098A-100000@freenet.edmonton.ab.ca>
```

Well, I'm gonna try to describe how to make my Mickey Mouse, as well as
the variation for Minnie.

```
Sir Twist's Mickey Mouse
========================
```
You will need:

3 Black 260Qs
2 White 260Qs
1 Red 260Q
1 Yellow 260Q

1. Inflate a White balloon halfway.

Twist as follows:

```
>(.5)(1)(2)(2)(.5)(.5)....
   ET    \Eyes/ ET  ET
```

The last two ETs should be arranged so that the eyes are at a 90 degree
angle, with the first ET pointing out in front. The remainder of the
balloon should be in a line with the eyes.

Inflate a Black balloon, leaving 2 inches uninflated.

Make a 1.5 inch bubble, and locktwist it with the base of the eyes. DO
NOT make a bird-body. Lock twist the White and Black balloon together 1
inch below the nose. Make a 12 inch bubble, and loop it over the 1.5 inch
bubble, and back to the lock-twist. Make a 2.5 inch bubble, and tie the
nozzle of the Black balloon around the end of the bubble. Now, squeeze
the rest of the air in the Black balloon to soften it, and make a 1 inch
bubble at the end. Locktwist it to the end of the 2.5 inch bubble. Divide
this large loop in half, and twist it to form mickey's ears. you may have
to deform the loops to make them a bit rounder.

With the white balloon, make two .5 inch ETs. Break off the remainder of
the white balloon.

This forms the head.
(That was the hard part!)

2. Inflate a second Black balloon, leaving 3-4 inches uninflated.

Tie the nozzle into the two ear twists at the base of the head. Make a .5
inch ET and twist it around the two white ETs, in order to secure the
balloon. You should wind up with the two white ETs at the front of the
head.

Now, twist as follows:

```
(.5)(.5)(4)(1)(.5)(1)(4)(4)(4)(4)(4)...
    ET  \  ET P  ET   / \ Bird /     Break off the remainder and tie.
          \---Arms----/     Body    Leg
```

Twist each of the ETs ,at the ends of the arms, in half to secure them.

3. Inflate the last Black balloon, leaving 6 inches.

Make a 4 inch bubble, and lock twist it with the other leg. The remainder
of the balloon will become the tail.

Inflate the red balloon, leaving a 4 inch tail. Make a 1 inch ET, and
make a loop around Mickey's body. Locktwist the loop, and make a 1 inch
bubble, followed by another 1 inch ET. Make another loop around the body,
the same size as the first, and locktwist the end. break off the remainder.
Twist the tail with the last ET to put it in the proper place. The tail
should only be about 10 inches long, so break it off, and save the piece.
Inflate the piece of black balloon 1 inch, and ET it. Tie this black ET
onto the end of Mickey's nose. Break off the rest.

4. Inflate the second white balloon, leaving about 6 inches.

Make a 1.5 inch bubble, followed by a 3 inch loop. Break off the
remainder and tie. Repeat with the rest of the balloon. This makes his
hands. Tie them at the locktwist to the ends of the arms, using the ETs.

Inflate the yellow balloon, leaving about 4 inches.

Twist as follows:

```
>(1)(7)(1)(1)(7)...
  ET\_/ P  ET\_/ break off the remainder.
```

This forms the feet. Attach them to the bottoms of the legs, using the ETs.

There ya go: Mickey Mouse!

Minnie Mouse
============
You need:
3 black
2 white
2 pink

For Minnie, don't break off the first white balloon. Instead do as follows:

```
(1)(4)(4)(4)(1)
   \Bird   /
     Body.
```

Inflate the second black balloon, leaving 6 inches.

twist as follows:

```
>(.5)(4)(1)(4)(.5)(.5)(.5)(4)(4)(.5)...
 ET    ET   ET  P  ET         ET  break off the remainder.
|------Arms------|    |-----legs---|
```

This forms the arms and legs.

Twist the arms at the top of the bird body. The hands are the same as for
Mickey.
Twist the legs to the bottom of the bird body. The feet should be made
the same as Mickey, but with a pink balloon.

Make Minnie's skirt the same as Mickey's shorts, but with a pink balloon,
and with the bottom loop about 1-1.5 inches bigger.

Inflate the last black balloon, and tie it to the bottom ET of Minnie's
skirt. Break it off about 10-12 inches from the skirt. Use the remainder
to make her nose.

There ya go, gang!

If you need any help, feel free to e-mail me!

Sir Twist
e-mail:nbundy@freenet.edmonton.ab.ca

```
Date: Sat, 06 Jul 1996 11:07:26 -0700
From: Dan Guterman <guterman@mail.accent.net>
To: balloon@fooledya.com
Subject: M*ckey Mouse
```

Thanks to the tips and techniques taught to me by Lorna during her visit I have worked out a new sculpture.
All credit goes to her, for if she hadn't inspired and given me a couple of tips (m*ickey's ears) my M*ckey
Mouse would of never have been. The dearest of thanks.

Balloon Boy's M*ckey Mouse
Get ready for a really long message!!
You will need:
```
        1 pink 260
        8 black 260
        5 white 260
        2 red 260
```
(M*ckey Mouse is 16 balloons but it is well worth it! If you want to make sure you want to try M*ckey before
wasting unneccesary balloons I'll be posting a picture of him soon.I recomend reading this message before
acctualy starting to twist.)

Before I start an explanation let me define some of mine "terminology". When I refer to a 3inch loop twist, I
don't mean a 3inch bubble loop twisted,what I mean is a loop twist with a 3inches on each side. Such as this:

```
                                        _____
                                      /   |   \
    3inches on this side ->          |    |    |      -> 3inches on this side
                                     |    |    |
                                      \_  |  _/
```
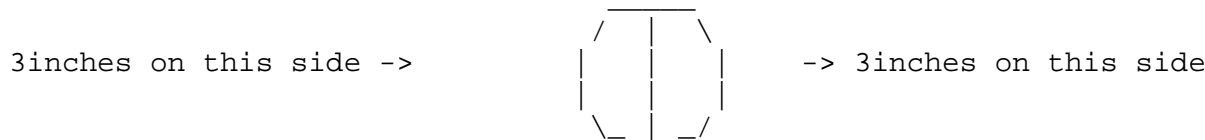
HERE GOES GOOD LUCK!!!!!

Inflate your pink 260 leaving 4 inches uninflated. Inflate a black balloon about 1 inch tie the knot at the
neck and then a knot behind the 1 inch bubble, cut of the rest of the balloon .Tie the nozzle of the black
balloon to the nozzle of the pink balloon. Now push both knots 1 inch into the pink balloon and twist (it's a
tulip twist but with two balloons).Twist a 1.5 inch loop twist (side cheek) followed by a 2 inch loop twist
(mouth) and then another 1.5 inch loop twist (other side cheek).Position the rest of the balloon so it point
straight up. Twist a 2 1/2 inch bubble followed by a 1 inch pinch twist. Deflate and tie off the rest of the
balloon.

```
     _
    (_) -> 1 inch pinch twist
   / \
   | |      -> 2 1/2 inch bubble
 __| |__
(__(_)__) -> cheek followed by the nose followed by the other cheek
   |||      -> the mouth
   \_/
```
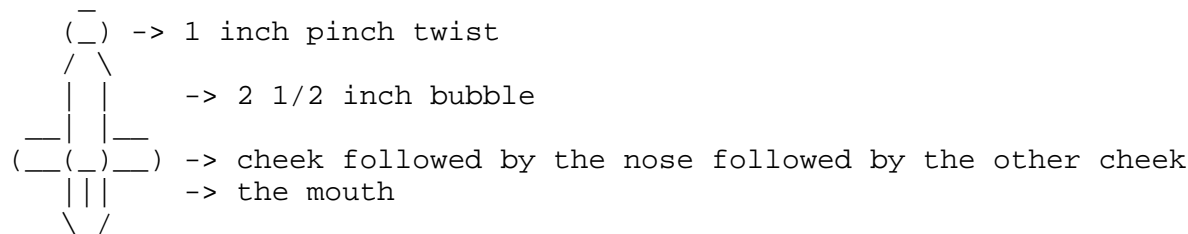
Inflate one white balloon leaving 5 to 6 inches uninflated.Twist a 1 inch bubble and

lock-twist it with the 2
1/2 inch bubble of the pink balloon (the bubble just below the 1 inch pinch twist)Twist a
2.5 inch bubble and
twist it around the base of the 1 inch pinch twist to create one eye. Bring the rest of
the bubble down back
toward the base of the 2 1/2 inch bubble of the pink balloon and twist there , you've
just created the second
eye.Tuck the 1 inch pinch twist under the 2 1/2 inch bubble of the pink balloon.Deflate
and tie off the rest
of the balloon
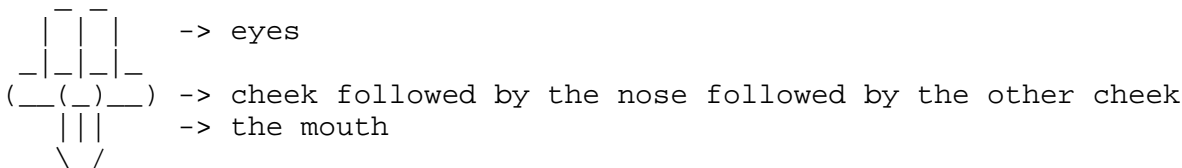
```
   _ _
  | | |     -> eyes
 _|_|_|_
(__(_)__)  -> cheek followed by the nose followed by the other cheek
  |||       -> the mouth
  \_/
```


Inflate a black balloon leaving 3 inches uninflated. Tie the nozzle around the base of
the eyes. Make a 2 1/2
inch bubble (size of the eye)lay it beside the eyes(verticly) then follow it by a 1 inch
pinch twist. Twist a
bubble the size of the width of the eyes (it's ussualy around 1 1/2 - 2) lay it above the
width of the eyes
follow it again by a 1 inch pinch twist.Twist a 2 1/2 inch bubble and lock twist it with
the base of the eyes.
(lay it beside the other side of the eyes verticaly).What you have just done is made a
sort of outline of the
eyes. A place where the ears can be attached. We'll call it a headset

```
  _ ___ _
 (_)_ _(_)
 | | | | | -> headset
 |_|_|_|_|
 (__(_)__) -> cheek followed by the nose followed by the other cheek
   |||      -> the mouth
   \_/
```
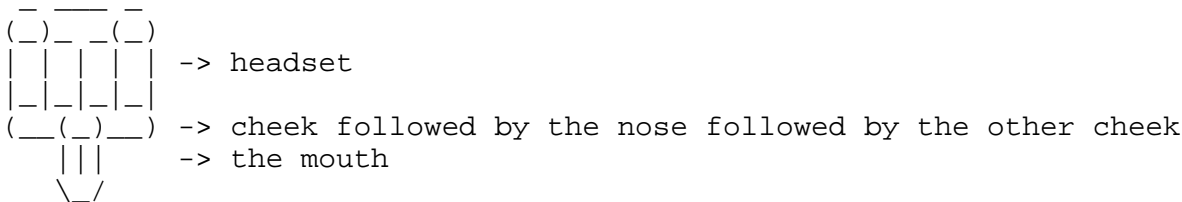
The inflation for the ears is sort of tricky and you'll need to experiment to truly get
it right.If you
underinflate it you won't have enough balloon to make the final ring, but if you
overinflate it the balloon
will be hard and probably pop when trying to twist the final pinch twist.I found that the
right amount of
uninflated balloon to leave is from 3/4 of an inch to an inch. Obviously use a black
balloon. Syart of by
making a 1.25 (around there) inch loop twist, take the nozzle and wrap it around this
loop twist.

```
    __ 1.25 loop twist
   |
   |
   |

  ____  _____
 /    \ /                                        \
(----- |                                          |-----------
 \____/ _____/
```
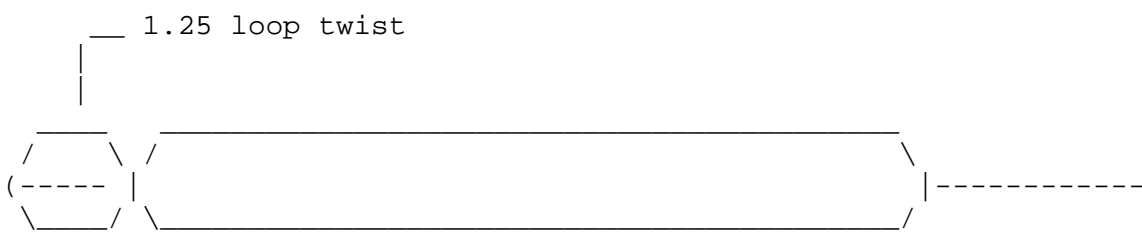
Twist a 1 inch pinch bubble.Take the balloon and wrap it around the 1.25 loop twist until
you meet up with the
1 inch pinch bubbble again, at that point you twist the balloon with the 1 inch pinch
bubble.

```
       _____
      / _____ \  --> balloon wraped around the initial 1.25 inch loop twist
     / /     \_\
    ( (------(__)   --> one inch pinch bubble
     \ \_____/ /
      _____/
```
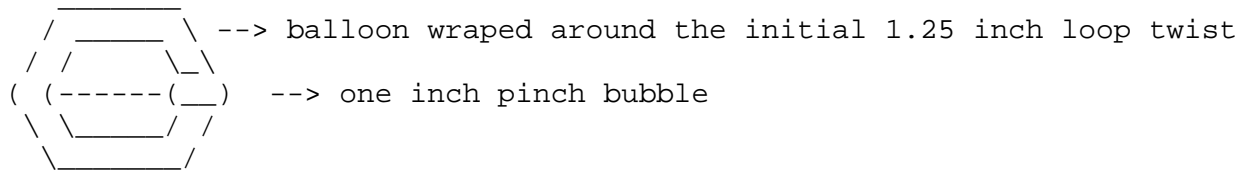
You should now have two rings tightly twisted around eachother. Take the balloon and again wrap it around the
second ring. Twist it with the 1 inch pinch twist. To end the ears twist a second 1 inch pinch bubble and
position it on the other side of the ear. The ear should look like this:

```
       _____
      / _____ \
     / / _____ \ \       The ears :
    / / /     \_\/       Three rings
   ( ( (------(__)       Two pinch twists ( The other pinch twist in the diagram
    \ \ \_____/ /\       is on the other side of the ear, it can't be seen from
     \ _____/ /       this view
      _____/
```
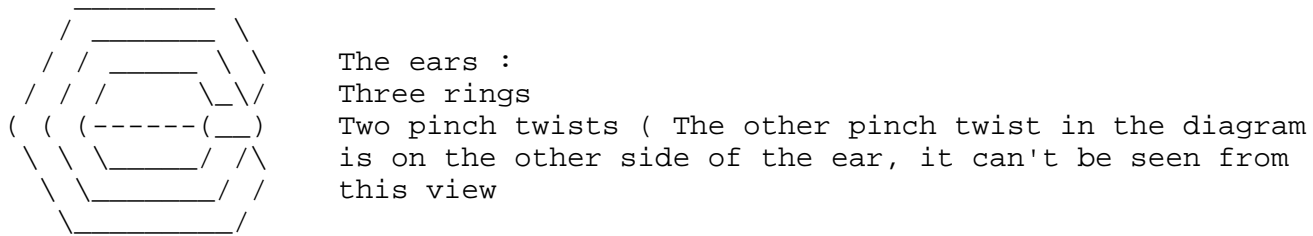
Do the same thing for another ear. Now to attach these ears to the headset you must twist the one of the pinch
twists from one ear to one pinch twist of the headset. Do the same with the next ear.When you've twist all the
pinch twists together position one pinch twist in the front and two in the back.

```
      _ _ _           _ _ _
     / ,- \          /  -  \
    | |  |  |_  ___ _|  |  | | -> ears
     \_`- _/(_)_ _(_)\_ - _/
           | | | | | |
           |_|_|_|_| -> headset
          (__(_)__)
             |||
             \_/
```
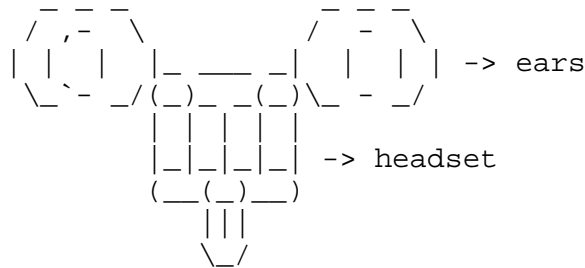
** The ears in the drawing above is nothing like it would be with balloons it is just there to show where
exactly the ears are placed

Inflate a black balloon leaving 4 inches uninflated. Wrap the nozzle around the base of the cheeks.Twist a 1
inch bubble then a 1 inch pinch twist. Twist a 1.5 inch bubble followed by a 5 - 5 1/2 bird body.To finish of
the body twist a 1.5 inch bubble. Defalte and tie off the rest of the balloon.

Inflate another black balloon leaving a 2 inch uninflated. Tie a kno right under the bubble. Find the middle
of the bubble. Once you've found the middle twist a 1 inch pinch twist. So now you have two arms with a pinch
twist in the middle. Attach this balloon to the base of the 1.5 inch bubble right above the birdbody.

Now for the hands inflate a white balloon leaving 6 inches uninflated. Twist a 1.5 inch bubble and a 2 inch
loop twist. Tuck the 1.5 inch bubble between the 2 inch loop twist.Twist a 1 inch pinch

twist followed by a
1.5 inch bubble.Defalte and tie off the rest of the balloon.

Do the same thing for another white balloon. Twist a 1 inch pinch twist in the end of
each of M*ckey's
arms.Lock twist the pinch twist of the arms to the pinch twists of the hands.

Inflate the red balloon leaving 3 inches uninflated. Wrap the nozzle tightly around
M*ckey's tail. Take the
balloon and wrap it around the end of the birdbody twist it around the tail again. You've
just made the
"border" of the shorts. To make the legs of the short you locktwist two 2 1/2 - 3 inch
bubble (depending on
how much balloon you have left)Twist another 2 1/2 - 3 bubble and make a birdbody. That's
one leg. Deflate and
tie of the rest of the balloon.

Inflate the second red balloon leaving around 6 inches uninflated. Again wrap the nozzle
around the tail.
Again twist as above the leg of the short deflate and tie off the rest of the
balloon.Position both birdbodies
as you would if you were making lovebirds. The two lock twisted bubbles pointing inward.
It should now look
like this:
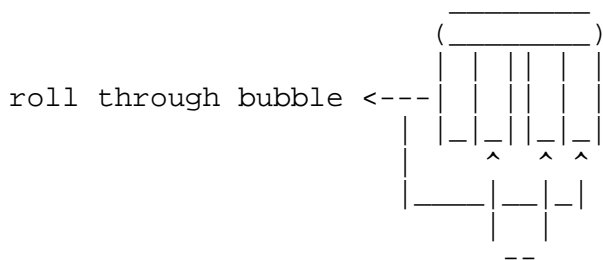
```
                              _____
                             (_____)
                             | |  || |  |
   roll through bubble <---| |  || |  |
                           | |_|_||_|_|
                           |   ^   ^ ^
                           |____|__|_|
                               | |
                               --
               2 pairs of lock twisted bubbles
(only one bubble of each pair of locktwisted bubbles can be seen)
```

Inflate a black balloon leaving about 1.5 inch uninflated. Wrap the nozzle of the black
balloon inbetween the
lcoktwisted red bubbles that form the short's leg.Twist a 1 inch pinch twist followed by
a 5 inch bubble.Twist
a pinch n' pop series** all the bubbles should be 1 inch long. Twist anohter 5 inch
bubble followed by again
another 1 inch pinch twist. Defalte tie and wrap the deflated nipple around the other
locktwisted bubble of
the short's leg. Pop the middle bubble of the pinch and pop series**. You now have two
legs!

** The pinch n' pop series is explained in the guide.

```
  _____
 (_____)
 | |  || |  |
 | |  || |  |
 |_|_||_|_|
    (_)(_)
    |  ||  |
    |_||_|
    (_)(_)
```
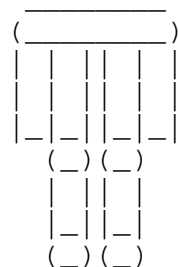
Now you've got two choices either to make normal cartoon feet. If so make them before the pinch and pop series
and after the pinch and pop series (remember M*ckey's got two feet).Or you can do what I do and make him
shoes!

Shoes:
Each shoe will consist of one balck and one white balloon.

Inflate the black balloon leaving 4 inches uninflated.Twist a 1 inch pinch bubble followed by two locktwisted
1.25 inch bubbles. Make another 1.25 inch bubble and this time push it through the locktwisted bubbles (a la
birdbody).Make a 3.5 inch loop twist. Twist another 1 inch pinch twist and position it right under the
birdbody. Take the balloon twist another 1.25 bubble and this time locktwist with first eartwist at the nozzle
end of the balloon.

Side View
```
        *
      _(d)_
     |a|b|c|
     |_|_|_|_____
       (e)___f____)
```
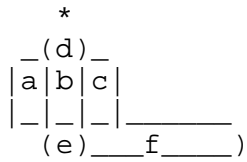
f: 3.5 inch loop twist
e: 1 inch pinch bubble
d: 1 inch pinch bubble
c: roll throuhg bubble
b: pair of locktwisted bubbles
a: another 1.25 inch bubble locktwisted with (d)

Make a 3.5 to 4 inch bubble and thread it through the 3.5 inch loop twist. The bubble should not come out of
the other side it should be big enough or small enough to fit correctly. Defalte and tie off the rest of the
balloon.It should now look like this:

```
        *  _
      _(d)_ \        Point Z
     |a|b|c|g|        ^
     |_|_|_|_|____  /
       (e)_|_|_f___)
```
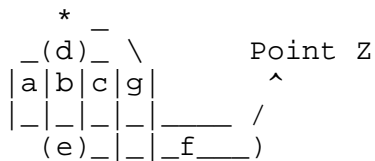
g: 3.5 to 4 inch bubble that is threaded through f. Bubble should stay in place
f: 3.5 inch loop twist
e: 1 inch pinch bubble
d: 1 inch pinch bubble
c: roll throuhg bubble
b: pair of locktwisted bubbles
a: another 1.25 inch bubble locktwisted with d

Now inflate your white balloon leaving as much as 6 inches uninflated. Tie the nozzle around the pinch twist
located below the birdbody (e). Make a bubble that reaches the middle of the 3.5 inch loop twist (point z).
Twist a 1 inch pinch twist and stuff it in between the 3.5 inch loop twist (f). To finish off twist another

bubble to locktwits with where you originally began (e). If you have something that looks like a head of duck
with huge narrow eyes I congratulate you. I guess it would look better if the white bubble was done with a 130
but I haven't had the time to try. :-(

Make anither one of these and attach to the legs by locktwisting the leg's last pinch twist and the shoes
first pinch twist. Arrange the leg so theat it looks "normal".(what great advice).

There you have it Balloon Boy's M*ckey Mouse.

Finishing touches:

There are alot of thing that may maje M*ckey look more realistic. In the face after the first tulip twist
anohter bubble can be twisted to make a bigger snout.M*ckey's head bounces up and down easily due to way the
pinch twists are placed in his neck, putting balls into his eyes would really be cool.You would really have to
look at a picture of M*ckey to know how to draw his eyes, maybe you would like to check out the disney page at
www.disney.com.

If you have absolutely any questions comments or anything to say please e-mail me at
GUTERMAN@MAIL.ACCENT.NET

```
Date: Wed, 31 Jul 1996 10:29:46 -0600
From: Philip Ruthven of The Balloon Artist <pruthven@hiwaay.net>
To: balloon@fooledya.com
Subject: Mickey Mouse on a motorcycle!
```

I hope you did not think I was going away because of the soap opera!

The last few weeks at my restaruants I have been trying something from long ago. At Disney World a friend taught me a Mickey Moyse on a motorcycle (1 balloon) I decided to try him for those "I'm in a hurry" kinda times and he went over ganag busters!

I prefer to use black for Mickey and pink for Minnie.

Now before I start please note this is just the instructions! Leave out or redo anything you want.

Inflate a black balloon leaving about 8" uninflated. Make a teddy bear head (email me if you cant find this one) but make his ears bigger! I make em about 2" each. Now instead of a teddy bear you have a mickey head.

After the head twist a 1" bubble for the neck and another 1" bubble and ear twist. Now make two 2.5" buubles and twist together. These are his arms.(play with the size here, sometimes people can learn it better with 3.5" or even 4" arms) You should now be holding a mickey (teddy bear) with arms and a
LONG tail. Soften up the tail. Twist a 5 or 6" bubble for the front tire and another bubble (leaving a 2" bubble at the end). This is the rear tire. Place his arms over the 2" bubble by rolling them over. Arrange evrything so it looks like Mickey on a scooter.

Got questions? email me

You can also put Mickey on an airplane:

Make an airplane by your favorite method. (I know,I know, email me) Take your black Mickey before arms or wheels . (it Mickey on a stick) and twist the mickey balloon onto the airplane. Inflate a white balloon and curl it. Attatch the white balloon to the airplane for smoke. Hold the black balloon close to the end and drive th plane through the air and make dive bombing sounds. Kids LOVE it.

Happy twisting

Phil

```
From balloon-request@cvs.rochester.edu  Wed Dec  6 12:09:41 1995
        id AA08317; Wed, 6 Dec 95 12:06:06 EST
Date: Wed, 6 Dec 1995 10:04:39 -0700
From: Robert.Herndon@central.sun.com (Robert Herndon)
Message-Id: <199512061704.KAA22343@marble.Central.Sun.COM>
To: balloon@cvs.rochester.edu
Subject: Monkey
```

[I have been asked to post the following private message so that it
makes it to the balloon archives -- happy to oblige.]

You might try the monkey I make most often. It's pretty simple and
is very popular.

Inflate a 260, leaving about 1" - 1+1/2" uninflated. Make one 4"
bubble, then ear-twist off a 6" bubble. Run the 4" bubble half-way
through the 6" bubble's loop to make a beagle-like head.

Next, twist off three 4" segments, and lock twist off at the base
of the head (so there's an equilateral triangle directly attached
to the head). Now twist off two more 4" segments and lock twist
the second joint through one of the lower joints of the equilateral
triangle to make a second equilateral triangle. Use the remaining
balloon for a tail; curve it up and around the back.

Robert

```
From balloon-request@cvs.rochester.edu  Thu Dec  7 20:02:07 1995
          id AA06306; Thu, 7 Dec 95 19:58:58 EST
Date: Thu, 7 Dec 1995 19:58:49 -0500
From: BHarry@aol.com
Message-Id: <951207194948_66857412@mail04.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Monkey
```

In a message dated 95-12-06 12:10:35 EST, you write:

>
>Inflate a 260, leaving about 1" - 1+1/2" uninflated. Make one 4"
>bubble, then ear-twist off a 6" bubble. Run the 4" bubble half-way
>through the 6" bubble's loop to make a beagle-like head.

Another version of a monkey head that is especially nice if you use a marker
is to make the arms and legs first (I make a square instead of two triangles)
then do an ear twist (size depends on the size of the arms/legs) then do
another ear twist a little bigger than the first and make the twist so that
it is also a lock twist with the first ear twist (if that makes no sense,
make one ear twist then twist off the next bubble, bring new twist to the
twist of the first ear twist and twist both bubbles around each other) then
bring down the bubble for the back and the remainder is a tail. Arriange the
two ear twists so that the bigger one is on top and push it down between the
arms a bit, Heavy brows and eyes on the top bubble and nostrils on the lower
give a heck of a monkey face

Dr Bruce

From: Dennis Dawson <ddawson@clarify.com>
To: "'Balloon Mailing List'" <balloon@fooledya.com>
Subject: Simple Monkey Head
Date: Sat, 13 Jul 1996 10:41:46 -0700

>>> Chihuahua head: (o.k., *you* think of a better name)
>>> A utility head with pinch-twist ears, suitable for use (with minor
>>> adjustments) for the chihuahua (or puppy), monkey, bat, climbing mouse.
>
>> Frankly, I'm shocked. Everyone knows that this is a monkey head!

Speaking of Monkey heads, I've started using a simple one when I'm
putting a monkey in a tree. We probably all made a head like this by
mistake when starting out, but it has a use!

```
*********************
* Simple Monkey Head *
*********************

 Face   Top of Head
   |          |
@(1.5)(.5)(1)(.5)(...)=
          |       |
       ear twists
  _____/
```
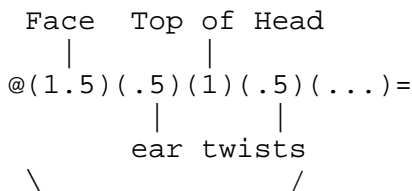
Twist the four bubbles, then twist the nozzle after second ear. Make
your ear twists, and you have a smiling monkey with his head tilted
sideways. Now, when you put him in the tree or on your arm, he's looking
straight ahead instead of up into the tree. I use a small head to
reserve room for long limbs and tail.

I don't know if I'm stating the obvious here, but it seems to me a lot
of people might miss this because it doesn't look good unless the
critter's holding onto something.

Credit Fred Harshberger and his kissing teddy bears for helping me break
out of the box of "start with nose and two ears" animals.

```
**************************************      _/_/ _/_/
*     Cap'n Denny (the Red Flash)     *    _/    _/  _/
*         ddawson@clarify.com         *   _/     _/  _/
* http://www.metropolis.com/~dawson/ *  _/     _/  _/
**************************************    _/_/ _/_/
```

The pig is coming! The pig is coming!

>

```
Date: Wed, 30 Apr 1997 07:40:36 +1000 (EST)
From: "The Amazing MOZ........" <moz@hemlock.newcastle.edu.au>
To: Twisters <balloon@fooledya.com>
Subject: thanks for the advice on 18th B parties
```

        Hello this is Moz from Oz (Australia)

        I'm smiling now about doing that 18th Birthday party - thanks to
you guys.

        Great advice! Great ideas!. A conga line of balloon hat
enthusiasts. Fantastic!!!

        thanks to everyone who responded! I've taken all what i read on
board.

        In return I've got a balloon for you. You probably all known it.

        It's a variation of ralph dewey's hugging monkey.

        Make monkey head, a small neck, a loop for the arms, (like Tom's

        huggy bear) small body, small legs and tail.

        Get a yellow 260 make a circle, twist in half, fold the four "bananas"

        together and stick into the arm-loop.

        It's Pepe` and his Gone Bananas!

        If you want, you make the monkey's legs using a second 260.

        A Joke...   What do you call a monkey that spreads rumors?

        a Blaboon! Like it? Kids just go ape over that one.

        seeya later guys

        Moz from Oz :--)

From balloon-request@cvs.rochester.edu   Thu Sep 7 21:01:51 1995
          id AA20414; Thu, 7 Sep 95 20:52:36 EDT
Message-Id: <v01510103ac75362ec4b7@[131.217.49.147]>
Date: Fri, 8 Sep 1995 10:47:14 +1000
To: balloon@cvs.rochester.edu
From: Simon.James@agsci.utas.edu.au (Simon James)
Subject: The moon's a balloon.

Hi Folks,

Since the great free first issue of Balloon Magic I've been building 350Q
houses at parties. I start off explaining to the kids what I do then
demonstrating by making a little mouse. Then I ask, "should I make a little
house for the little mouse?", then make a 350Q house with chimney, flower
bourder, trees, windows etc. It's been fab but I've been thinking up a new
shtick... It's detailed below in case anyone is interested (a 7 foot high
Rocket plus extras) but before I go on, many thanks to all for the
Pinch&Snap and Tearing advice. No more chewing through the balloons for me
(Horay!). Plus the line "I have to charge you more -- due to inflation." is
very funny...

Simon's Lunar Project (specially for Mr. NASA)

****Don't worry, it takes ages to explain but not long to build ****

(1) The moon. Half inflate a white round balloon tear off the nozzle bit.
Draw on some raggedy circles (craters) thicker on one side for that 3D
effect. Tell the kiddies all sorts of things can be done with balloons,
charge it up on one of their little heads (make sure the ink is dry first
:) then let it stick to the roof using the static.

(2) Ask the kiddies who can live on the moon.. make them one or two of
Chris' spacemen (see FAQ).

(3) "But how are they gonna get to the moon? Should I make them a rocket?"

(4) The Rocket (7 feet tall, 4 feet wide, 21 350Q's, throw in a few 260's
for effect)

I normally have the 350Q's pre-blown, saves time at the party, I bring them
in in a big garbage bag. The rocket looks best if the fins are one colour
and the body another (ie 13 one colour, 8 another) but you can do it in a
riot of colours if you like. Leave about 1.5 inches on all but one of the
pre-inflated balloons. One should be about 2/3rds inflated. Whenever you're
joining these balloons start from the nozzle end, I join with about a 2
inch bubble on these big suckers.

The body of the rocket; just before using each balloon, squeeze it across
your chest to soften it into a curve. Join 4 balloons at the nozzle end
(into a cross) this is the nose cone. Then join them to 4 more (long cross;
joints A, B, C, D). At these joints put spacers, a balloon twisted in half
going from A to B and from B to C. Another one going from C to D and from D
to A. Lots of words, simple concept. Put spacers halfway down the second
balloons as well (twists E, F, G, H).

Then put the third spacer, this time just the 2/3rds inflated balloon
twisted into four, round the bottom of the second balloons, this is the
nozzle (joints I, J, K, L).

The fins are one curved balloon going from each of the twists E, F, G and

H. Another forms a loop with 1/3rd of it's length (landing foot), the joint
of which joins to the end of the first fin balloon and the other end
connects at joints I, J, K and L.

```
        ^        First join (only 2 of the 4 balloons shown)
       / \
      /   \
      |   |
      -----    Joints ABCD
      |   |
     /-----    Twists EFGH
    / \   /
    | /---    Joints IJKL (only one fin shown)
  __\/         Landing foot (loop) = __
```
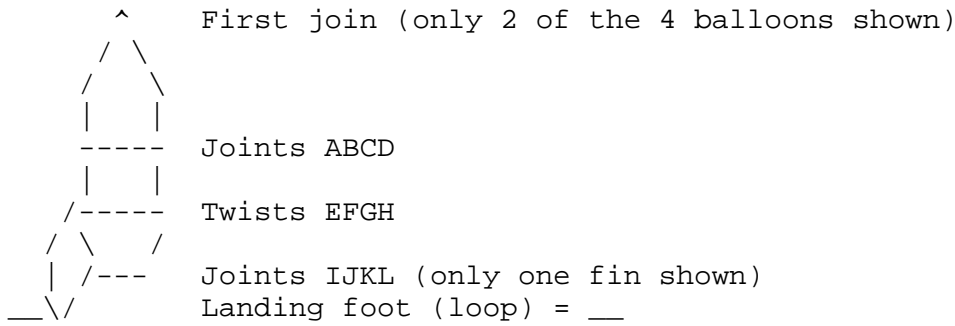
Make sure all balloons curves out, giving them a bit of a squeeze if they
don't.

(4a) The ladder; 4 same colour 260s.

Inflate each leaving 5 inches. Take two balloons, leave 6 inches then twist
each seperately, twist a 4 inch bubble in each then roll the two 4 inch
bubbles together (rungs). Leave 4 inches in each then make more rungs. Four
balloons should give you 6 rungs and a bit left over. Tie the top of the
ladder at points E and F then adjust the rungs so it curves gracefully to
the ground.

```
E        F
 \      /  Tie off to E and F
  \===/
  |===|   Each rung is two 4 inch bubbles
  |===|   Keep going until it reaches the ground
```
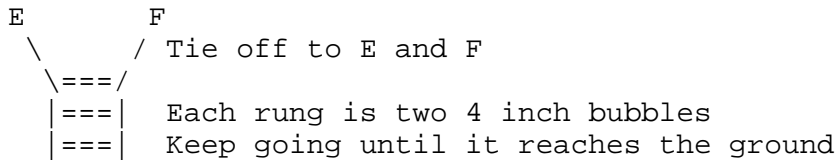
(4b) The command couch; 2 same colour 260s and a bit of a 350.

Inflate leaving 4 inches. First bubble 7 inches, 1 inch eartwist, 6 inch, 1
inch eartwist, 3 inch, 1 inch eartwist, 7 inches. Tie beginning to E, end
to F.

Inflate leaving 4 inches. Tie off to point H (diagonaly opposite F) twist
to first eartwist in first balloon, go across the bottom of the couch (ie 3
inches; forming a rectangle) and twist to last eartwist in the first
balloon. Tie off to point G, deflate remainder. Make couch angle about 30
degrees by adjusting eartwists.

```
  H        G
   \ ._. /
    \|  |/
     |_|
    /   \
  E        F
```
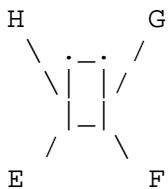
This couch will fit one of the spacemen quite nicely :) I make him a little
command consol from a bit of 350. Inflate 4 inches, make a 1 inch apple
twist, a 3 inch bubble, tie to bottom of command couch, the hands of the
space man should rest on it to one side :)

(5) Moon buggy; 2 same colour 260s (green is good), 1 lighter 260 (orange
is good).

(5a) OK make the frame first then the chassis. Inflate one green leaving 4

inches. Make an 8 inch loop (wheel 1), 3x 1 inch bubbles, eartwist the middle one (steering wheel). Make another 8 inch loop (wheel 2), a 4 inch bubble (body of the buggy) then a final 8 inch loop (wheel 3). If there is any leftover deflate and tie off or leave sticking out if there is about 2 inches (this can tie to wheel 4; back bumper).

Inflate the next green leave about 6-7 inches, tie the nozzle to wheel 1 (ie both nozzles should be together). Make a 2 inch bubble (front bumper) and twist off to wheel 2. A 4 inch bubble (body of the buggy) then a final 8 inch loop (wheel 4). The remainder goes across to wheel 3 (ie a 2 inch bubble; the back bumper), then form a loop or a bubble depending on the remainder then the uninflated bit sticks up as an antenna :)

(5b) The chassis. Inflate the orange leaving about 4 inches. Make a 1 inch apple twist (head), 1 inch, 1/2 inch, 1/2 inch, 1 inch (arms and hands) twist the two arms together at the neck. Make a 1/2 inch apple twist to support the head then a 1 inch bubble body. Then make two 5 inch loops (wheel 3 and 4 centres) and 1 inch bubble (chassis) then two more 5 inch loops (wheel 1 and 2 centres). Anything left over either deflate or use as a headlight.

(5c) Now draw a smiley face on the head, tuck it and the arms up through the body of the buggy. Twist the steering wheel round the middle of the hands, the arms/head etc should fit tightly into the body of the buggy, the head just poking up above the edges.

Roll the wheel centres through the wheels, this should bring the whole model into a tight brick shape with the little head poking up and the antenna waving about. You're finished, ready to explore the surface of the moon.

```
 Side view;

 back    front
  |             antenna
(_)(|) ()      bumper/head/steeringwheel
(        )     body of buggy
(o ) (o )      big moon wheels with orange centres
```

"Huston we have a problem, please send up an extra pump-o".

Clear as mud I'm sure, if anyone does actually build these please email and tell me how it went/any improvements :)

Blastoff, Simon.

```
From balloon-request@cvs.rochester.edu  Fri Sep 29 19:01:20 1995
        id AA01332; Fri, 29 Sep 95 18:51:47 EDT
Date: 29 Sep 95 18:50:43 EDT
From: DAVE BEEDY <74221.2015@compuserve.com>
To: All <balloon@cvs.rochester.edu>
Subject: Motorcycle Instructions
Message-Id: <950929225042_74221.2015_BHT157-1@CompuServe.COM>
```

I got a private E-mail from Dr. Bruce (below) asking for the Marvin Hardy
motorcycle instructions. I thought I would post to the list for all.

>>I would be interested in you motorcycle instructions.

>>Thanks

>>Dr. Bruce

Let me say first that this is NOT my original creation. It comes from Marvin
Hardy and appeared in his hard cover book 'balloon magic'. This book was put out
in conjunction with the Pioneer Balloon Co. (Qualatex) and was published in
1986. There is also a smaller soft cover edition of the book that does not,
however, contain the motorcycle.

For me the hardest part of this creation is the original inflation of the
balloon. Because each of us does their twist and bubbles a little different from
each other, and the fact that we use different balloons, you will have to
experiment with how much to inflate the 260 to start. There is not much room for
error here. If you have trouble, just practice, practice, and then practivce
some more.

You will need one (1) 260 in the color of your choice. I tend to use brown,
black or red, but this motorcycle looks good in just about any color. When you
are first twisting this it might be easier to use a more forgiving color like
the Qualatex light blue, pink, or white.

Inflate the balloon leaving about 4-1/2" uninflated.

1. Starting at the nozzle end twist a small 3/4"" bubble

2. Measure out a 6-1/2" bubble and loop twist this back to the 1" bubble. this
forms the rear tire of the motorcycle.

3. Insert the 3/4" bubble from (1) into the middle of the loop created in (2).
This completes the rear tire.

4. Loop twist a 4" bubble on top of the rear wheel. This forms the seat of the
motorcycle.

5. Form a 4-1/2" bubble for the frame of the motorcycle.

6. At the end of the frame bubble from (5), loop twist a 6-1/2" bubble to form
the front tire of the motorcycle. Make sure size matches the rear tire from (2).

7. Form a 3" bubble for the upright of the handle bars.

8. At the top of the upright from (7) loop twist a small 2-1/2" bubble to form
the headlight.

9. Form the handle bars by twisting the following series of bubbles: 1" - 1/2" -
1/2" - 1/2" - 1". Lock twist the two 1" bubbles together at the base of the

headlight from (8). The three 1/2" bubbles are a pinch and pop series. Ear twist
the 1st and 3rd 1/2" bubbles making sure that you twist them fully around 3 or 4
times. Pop the middle bubble and the handle bars are complete.

10. Now is the time you will find out if your original inflation was good or
bad. The remaining part of the balloon should have enough slack for one more
twist and should be about 3-1/2" or 4" long. This length should go back down
towards the front tire along side the upright from (7). Form a small 3/4" bubble
in the end of this section and insert it into the froint tire like you did with
the rear tire at the start. Lock twist this last section and the upright from
(7) just above the front wheel.

11. Arrange the parts to look like a motorcycle. Front and rear tires should
line-up straight. The longer of the two uprights (7) & (10) for the handle bars
should face forward. The headlight should face forward. The handlebars should
face backward.

12. YOU'RE DONE!!!!!!!!

If you like this motorcycle then please tell Marvin Hardy as this is his
creation. If you have trouble twisting it then please tell me because the
problem is with my instructions and not with Marvins' creation.

Dave "Buttons" Beedy
Chino, CA.

```
From joker Mon Sep 27 13:46:09 1993
Received: by mother.ent.rochester.edu id AA18515
  (5.65c/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 27 Sep 1993 17:46:10
-0400
Message-Id: <199309272146.AA18515@mother.ent.rochester.edu>
From: joker (Larry Moss)
Date: Mon, 27 Sep 1993 17:46:09 -0400
In-Reply-To: toddc@ihlpm.att.com
        "Mortorcycle Balloon - Help!" (Sep 27, 12:32pm)
Organization: very little
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@mother.ent.rochester.edu
Subject: Re: Mortorcycle Balloon - Help!
```

> 		Well, It's been a while since I've seen anything from this list
> but I am hoping it is still active and someone out there can help me.

Well, the list still exists. I don't know if I'd call it active.

> 		Does anybody know how to make a motorcycle balloon?

A few actually. My favorite is Snoopy on a motorcycle. This is a Dewey
creation. Or it least, I got it from one of his books. I think it's
his. This is going to be just a simple explanation. Let me know if you
need more detail. I probably wont' have time to do any real drawings for
a while though.

Start with a standard snoopy head. Then make four 1/2-inch bubbles and
twist the first and last together to make a circle. The two bubbles at
the base of the head are the arms. The lower ones are the handle bars.
I havne't done any ASCII art in a while, but I'll give it a shot.

```
       ____
     _/ _ \
    (__|  ||      <--- head
     |_|/____
      /\(___
     (__)       <--- arm                 \ There are two more bubbles like
     (  )       <--- will be handle bar  / these, hidden behind them in the picture
      --
```

Make a 2-inch body, followed by a 1-inch bubble for the seat. Ear twist
the small bubble.

```
       ____
     _/ _ \
    (__|  ||
     |_|/_
      /\\  \
     (__)\  \    <- body
     (  ) \__\_
      --   (___) <- seat
           /  \
           | |
```

Make a 4- or 5-inch bubble for the rear tire and twist the ends of that
bubble toghther. Make another bubble as the body of the bike. Then make
the front tire teh same as the back tire. I'm not making one right now
so I cna't give accurate proportions, but what you want is for it to come
out the right size so that after making a loop for the front tire you
have only a 1-inch bubble left for the headlight. Slide the headlight

through the loop you made in the beginning for the arms and handlebars.

```
               ____
             _/ _  \
            (__|  | |
              |_| /_
               /\ \   \
              (__)\   \
           _(   )  \__\_
          (_)-- __(___)
           /    \(__)/    \
          |  |  |  |  |  |  |
          |  |  |  |  |  |  |
          \___/      \___/
```
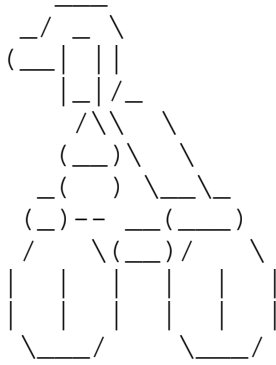
That took longer than I expected and I need to run. Hopefully that will
help you out. I saw a picture of a sculpture similar to this one in the
latest T. Meyers mailing (I think) that also put legs on snoopy. I'll
leave that as an exercise to the reader (since I'm lazy).

There is a 1 balloon chopper I make without a rider and a 5 balloon
motorcycle that looks really impressive. I don't have the time to
explain either of them right now, but if you're interested, let me know.
I'll see what I can do to help you out. If you can get your hands on a
copy of Marvin Hardy's book (can't remember the name, I think it's
_Balloon_Magic_), there's a one balloon chopper in there that is very
similar to, if not the same as the one I do.

Larry

```
From balloon-request@cvs.rochester.edu  Tue Nov 14 18:05:34 1995
          id AA18017; Tue, 14 Nov 95 18:02:45 EST
Date: Tue, 14 Nov 1995 15:58:18 -0700 (MST)
From: Noel Bundy <nbundy@freenet.edmonton.ab.ca>
To: Balloon Sculpting Mailing List <balloon@cvs.rochester.edu>
Subject: A few new sculptures
Message-Id: <Pine.A32.3.91.951114152728.265616A-100000@freenet.edmonton.ab.ca>
```

Howdy, all! Sorry I haven't written much lately, but I was just WAY busy!
Well, anyways, I have a couple of new sculptures for ya. The first one is
really cute, and I get a lot of requests for it now.

1:Two teddy bears hugging a heart.
This requires two 260s and a 6 inch heart.
Make the standard teddy bear, but for the arms, do a 3 inch bubble
followed by three 1 inch bubbles, and then anothe 3 inch bubble. Pinch
twist the first and last 1 inch bubbles, and pop the middle one.
Make the second bear the same way.
Twist their hands together, so that they are joined to each other. Then,
put a heart in the circle formed by their hands.

Adjust their heads to look out, and voila! a really cute sculpture!

2:My 5- balloon motorcycle
I don't know if this one is at all similar to the one in the highlights
section, as I was unable to even print it out, but it is big enought to
put Daffy Duck or Bugs Bunny on.

requires:
3-red 260s
2-black 260s.

Take the first red 260, and inflate it all the way. Give a small burp.
Twist the balloon in half.
lock twist the balloon approx. 6-7 inches from the center twist.

Take the second red, and inflate it leaving 2 inches of tail.
Make a 5 inch loop, and tie the nozzle to the balloon. Make a pair of 6
inch bubbles, and lock twist them. Make a 1 inbch bubble at the end of
the balloon, and lock it to the first balloon at the lock-twist.

Take the third red balloon, and inflate it all the way, and twist it in half.
Lock teist it 1 inch from each end.
Attach this balloon to the other 2 where you joined the first and second
balloons.
Now, twist the third balloon 6 inches from the middle twist.
Feed the middle of this balloon through the 6-inch bubbles of the second
balloon, and lock them together at the twists.

Now, take the black balloons, and inflate them all the way.
Make a 1 inch twist in the nozzle end of them.
The first black should go at the end of the front forks, and be spiralled
around to form a wheel, with the very end of the balloon holding itself
in place ot the top of the wheel.
The second wheel goes at the junction between the second and third balloons.

This is about as clear as I can get it, as I have no access to a scanner.
Also, a kickstand can be made by using half of a 260 and making an `L'
shape coming off of one of the center struts.

To attach Bugs or Daffy:
Simply twist their tails to the base of the seat, and roll the handle
bars into their hands.

Voila! If this isn't too clear, I'll attempt a better one later.

```
+-----------------+--------------------------------------------+
|    Noel Bundy   |      E-Mail:nbundy@freenet.edmonton.ab.ca  |
+-----------------+--------------------------------------------+
```
What if gravity suddenly pulled everything to the LEFT?

```
From balloon-request@cvs.rochester.edu  Tue Jan 23 08:46:54 1996
         id AA09910; Tue, 23 Jan 96 08:42:24 EST
Date: Tue, 23 Jan 1996 08:42:17 -0500
From: CHACHACBA@aol.com
Message-Id: <960123084215_204469673@emout05.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Mouse on ATV Motorcycle
```

Sorry this took so long. I've been busy building home pages for customers.
 This mouse on a 4 wheel motorcycle came to me as a result of necessity. The
ATVs are almost a necessity in the apple orchards around here so I get plenty
of requests for them (as well as for tractors if anyone has worked that out).

Very simply put, this is a variation of the mouse on a 2 wheel motorcycle.
 The biggest difference is that the mouse is riding a turtle/ladybug with
handle bars.

To begin:
Inflate the balloon about 16" and start the mouse head with a 1 1/2" buble
and 2 fold twists for ears (a fold is a bigger version of the pinch). Roll
the head between the ears to the other side and twist the ears, as a pair, a
time or two. This makes the head harder to un-twist and helps it sit
straighter. The neck is a 3/4" bubble, then make a 4 bubble series for arms
and hands/handlebars, 1 3/4", 3/4", 3/4", 1 3/4". Twist lock this 4 bubble
series at the base of the neck. Make a 1/2" pinch at the base of the neck.
(This is a mechanical detail to hold the head upright and I sometines call it
a back pack.) Make a 3/4" bubble for a lower torso and a 4 bubble series of
1" bubbles for wheels. Twist lock the 4 bubble series and the bottom of the
torso. Now make a 2" bubble and roll it between the 4 bubble series (like
the 3 bubble roll through for a parrots body) and lock it by rolling one pair
of "wheels" under the other pair of "wheels". Finish it off with a 3/4"
bubble for the upright to the handle bars and a pinched 3/4" bubble for a
light. Tuck the light between the hands/handlebars and if you have excess
balloon, remove it.

If your mouse looks like he/she is riding a turtle, that is exactly how these
apple growers look around here!

By the way, for those small birthday parties with lots of boys (100% or
more) the mouse on a 2 wheel motorcycle can be made with all different animal
riders. They take a little longer, it fills up more of your hour and you can
save the swords until right before you leave (avoiding the 'carnage' ;-).

```
          _____
         |||||||||||||
         |||||||||||||
     ___||||||||||||||___
        /        '    \
       |    ^         >
        \         _  /
           /
      CHA CHA
```
The Balloon Artist
http://members.aol.com/chachacba/private
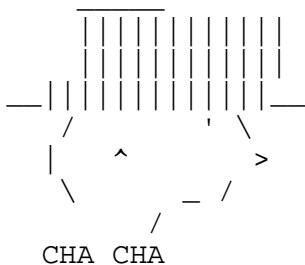
From balloon-request@cvs.rochester.edu   Mon Jan 29 02:05:14 1996
          id AA19866; Mon, 29 Jan 96 02:02:06 EST
Date: Mon, 29 Jan 1996 02:01:58 -0500
From: AVBalloons@aol.com
Message-Id: <960129020156_306406348@mail06.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Reposting of Roger's starship Enterprise (for those of you who missed it).

I think I have read all of this thread, but I haven't seen instructions for
the Enterprise the way I've make it. It isn't as authentic as the other
methids I've seen - you get a bumpy saucer section, but it works! This came
from T Myer's True Infaltions, so he can correct the part I mess
up.........All Measurements are speculative

You need 2 white 260's and a geo flower:

Inflate the first 260 1/2 way . Make a 1/2" tulip twist. Stretch the center
of the uninflated geo over the twist of the tulip, then inflate. This forms
the saucer section. Make a 3" buble, followed by a pinch twist, then set this
ballon aside. Inflate the second 260 3/4 full. Make a 4' bubble, a pinch
twist, a 6" bubble, another pinch twist, then another 4" bubble. Break off
the remaining balloon and tie. These are the nacells. Twist the middle 6"
bubble in half, and twist onto the saucer section balloon about 3" behind the
pinch twist. Make another pinch twist behind this connection, and break off
and tie the remaining section. Arrange the nacells, and you're done. I write
NCC 1701 - X on the side, just to keep the Trekkers happy, and to avoid
questions about "Which" Enterprise I made

 And, If this is too confusing, just subscribe to True Inflations, and get
the real picture

Adrienne Vincent, CBA

And,on the clothing issue - I know a great local company that makes clothes
and accesories - vests, pants, aprons, ties, cummerbunds, etc..., in Balloon
Print material - great for twisters!! E-Mail me for info

```
From balloon-request@cvs.rochester.edu  Mon Jan 29 15:14:55 1996
         id AA28870; Mon, 29 Jan 96 15:10:42 EST
Date: Mon, 29 Jan 1996 15:10:33 -0500
From: TMyersMagi@aol.com
Message-Id: <960129151015_409398884@emout05.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Reposting of Roger's starship Enterprise (for those of you who missed it).
```

Sounds right Adrienne. This is a variation on Jody Braxton's starship. If
you stand it up and look at the blossom as the head, bend the nacells out to
be arms, it's Mr. Flower (from Kristen Briggs).

Thanks,
Tom Myers
TMyersMagi@aol.com

T. Myers Magic, Inc.
1509 Parker Bend
Austin, TX 78724

Fax - 1 (512) 263-9742
info - 1 (512) 263-2375
orders - 1-800-648-6221

Date: 15 Jun 96 02:09:26 EDT
From: "Marvin L. Hardy" <73532.2312@CompuServe.COM>
To: Balloon Mailing List <balloon@fooledya.com>
Subject: Music Notes

Seems to be a lot of interest in music notes. We've done them in two ways.

Large-scale decor -

Inflate several black 260Qs leaving 1/2 inch uninflated to form the staff. Make
sure they are all the same length. Tie them together end to end and stretch five
strings of them between two pillars or uprights to form the staff. Attach a
single black 260Q vertically, twisting it around each of the knots in the
previous strands to form the measures.

We use white 5 inch round balloons to form the whole notes, 5 inch white
balloons with a black 260Q stem to form the half notes, and black 5 inch
balloons with 260Q stems for the quarter, eighth, and sixteenth notes.

Form the stems as follows:

Tie an inflated 260Q to the knot of an inflated 5 inch balloon. Form two 1 inch
pinch twists and position them to force the 5 inch balloon at right angles to
the 260Q.

Twist the 260Q at the length you want the stem to be. To form the stems of the
half notes, or quarter notes, deflate and remove the remainder of the 260Q,
ending the stem with a knot.

To form the tails of the eighth notes, twist the stem at the length you want it
to be, and form two pinch twists. Position the two pinch twists to force the
remainder of the balloon down toward the back of the note. Twist the 260Q to
form a short tail, then deflate and remove the remainder of the 260Q, ending the
tail with a knot.

To form the tails of sixteenth notes we use a short piece of another 260Q to
form the second tail. Twist the stem a short distance below the end and tie a
short inflated section of another 260Q to the twist. Form a 12 inch pinch twist
and position it so that it covers the twist with the remainder of the balloon
extending to the opposite side. Form a pinch twist and position it so that it
forces the tail down, then deflate and remove the remainder of this ballon as
above.

We attach the notes to the staff using sticky-back velcro and position the notes
to form whatever music is requested by the client. If there is no specific
request, we use "Would You Like To Fly In My Beautiful Balloon".

If you just want a note as a balloon figure, try this:

Use a loop and tuck in a white 260Q balloon similar to the wheel of a vehicle,
removing the remainder of the balloon, for the whole note.

Tie a short (1 to 1 1/2 inch) section of an inflated white 260Q to the knot end
of a black 260Q. Now do the loop and tuck with the white bubble filling the
black loop for the half note. Use a pinch twist to force the loop at right
angles to the stem.

Use a loop and tuck in a black 260Q for the quarter note. Use a pinch twist to
force the loop at right angles to the stem.

Use a loop and tuck in a black 260Q with a pinch twist, and form the tails of

the eighth and sixteenth notes as described above. If you do the 5 bubble pinch
and pop you can form the sixteenth note all out of one balloon.

Good luck,

Marvin

```
From balloon-request@cvs.rochester.edu  Mon Nov 13 18:24:26 1995
         id AA04241; Mon, 13 Nov 95 18:22:52 EST
Date: Mon, 13 Nov 1995 18:22:45 -0500
From: NOSTALGIA1@aol.com
Message-Id: <951113182207_105550663@emout04.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Balloon Routine
```

In a message dated 95-11-13 16:15:57 EST, you write:

>Thus causing the balloon to POP! I also am
>using
>an opaque balloon, so I can't really see where the needle is inside the
>balloon.

An opaque balloon is a bad idea. It takes away some of the magic by not
letting them see the needle going thru the balloon. Start from the end and
exit by the knot. Here's my routine:

I get a child up from the audience and have him blow up a clear balloon.
While he is blowing it up, I make the big inhaling noises while he is blowing
which usually makes him laugh. I blow up the other balloon and look at the
spectator waiting for the inhaling noise from him. This gets a laugh. I then
ask him what happens when you touch a needle to a balloon? Then I pop the
balloon. I then ask him to hold out his hand (...no the clean one... that was
the clean one). I put the balloon in his hand and place his other hand on top
of the balloon. I count 1...2...wait a minute we have to do something about
the noise... I take out some earmuffs and put them on myself!
I then push the needle thru the balloon. I then take the needle and the
balloon and pull the yarn thru the balloon. I then hand the balloon to the
boy and give it to him as a souvenier. As he walks away, I pop the balloon.
Then I reach in my pocket and pull out a 260 and make him a balloon animal.

I use Vaseline
I blow up the balloon the size of a cantelope
I use Yarn.

Hope this helps.

Bruce (my wife wishes I were a doctor) Kalver

```
Date: Tue, 10 Sep 1996 09:43:21
From: AAlbers@gnn.com (Arla  Albers)
To: EustaceJ@HARTWICK.EDU
Subject: Re: Ninja Turtles


>Date:  Mon, 09 Sep 1996 19:16:10 -0400
>From:  Jennifer Eustace <EustaceJ@HARTWICK.EDU>
>To:    Balloon Twisters List <balloon@fooledya.com>
>Subject:       Ninja Turtles
>
How about making a regular turtle...then take a red, orange, or
other broken balloon...cut it with a pair of scissors for the eyes
and wrap it (obviously unblown) around the turtle's head, tie off,
and whala...a ninja turtle.  Really looks neat.
```
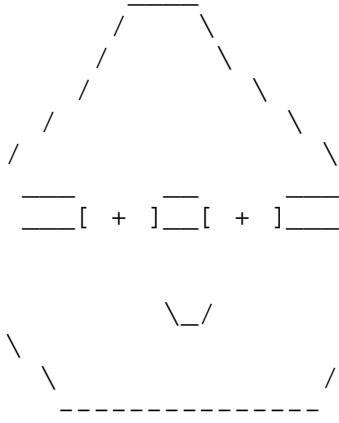
```
              _____
            /       \
          /           \          Not a very good picture, but you
        /               \        get the idea?
      /                   \
    /                       \
     ___ ___   __   ___
    ___[ + ]__[ + ]___


           \_/
     \                     /
       \                 /
         ---------------
```

Good luck. Hope this helps.

Arla

From: "Perry, Troy" <taperry@NTSVR05.USWNVG.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: Noisy bit from Simon James
Date: Thu, 11 Jul 1996 16:36:04 -0700

I told Simon I would post this to Balloon HQ for him.
Troy

>----------
>From:
>   Simon.James@agsci.utas.edu.au[SMTP:Simon.James@agsci.utas.edu.au]
>Sent: Thursday, July 11, 1996 4:33 AM
>To: Perry, Troy
>Subject: Re: You still there?
>
>...I'm just about to close up this email address in fact. I
>was ballooning to help myself through Uni and have just (unfortunately)
>got
>a real job.
>
>I have passed my shopping centre/kids party/business functions work
>over to
>a young apprentice and now only balloon in the privacy of my home. I'm
>even
>losing net access 8(
>
>...Here's another thing that went over
>well - I don't think I ever got round to posting it to the net (can't
>remember that far back). I saw a little netchat on a coin in a round
>balloon, making it spin round, I was playing with the idea and came up
>with
>one better :).
>
>I was doing a "Search for a noisy balloon" as an intro...
>
>"I'm a balloon man and I love balloons, I was working on making a noisy
>balloon the other day. Everyone knows balloons can do this." Blow up
>round
>balloon and rasberry deflate. "But watch this."
>
>Get 5" bright 260 fragment, inflate 2" press a large coin inside, grip
>to
>deflate a second layer over the first twist and press in again (ie
>three
>layers over the coin) twist a little bubble in the end of the tail and
>snap
>pop. This leaves a coin covered in rubber with a 1" tail sticking off
>the
>edge. Put this into a clear 11" round balloon inflate lots and tie
>off.
>Now when you twirl the balloon and the coin spins around the inside the
>tail will flap making a clackity-clack noise - sounds like a tractor or
>a
>generator powering up. With a bit of practice this whole process is
>real
>quick and you can get the tail length right for maximum noise. In
>shopping
>malls I give these to horrid kids and say "Go bug your parents".
>
>Enjoy...
>

>Simon.
>

Date: Sat, 03 Aug 1996 11:48:50
From: dgraves366@gnn.com (David Graves)
To: balloon@fooledya.com
Subject: Nose without the suck twist.

Take a balloon and blow it up a few inches. Twist off a one inch
bubble. Break off the balloon a few inches above the twist, tie an
not and you have a small bubble with a strip of balloon. Now
insert the bubble's strip pf balloon into the slot or apple twist,
or where every you want it to go. After is it secure take the
nozzel end and make an ear twist, tucking the remainder inside the
slot, apple, or what ever. It doesn't have the pointed end of the
tip, but for a nose, noses are not all that pointed.

Look at the Silly Vester picture posted. That is how his nose was
made.

David

```
From lm03_cif@uhura.cc.rochester.edu  Mon Jul 27 22:41:54 1992
Received: from uhura.cc.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id AA25269;
Mon, 27 Jul 92 22:41:54 EDT
Received: by uhura.cc.rochester.edu (4.1/1.16) id AA13182; Mon, 27 Jul 92 22:44:14 EDT
Message-Id: <9207280244.AA13182@uhura.cc.rochester.edu>
From: lm03_cif@uhura.cc.rochester.edu (Larry Moss)
Date: Mon, 27 Jul 1992 22:44:13 EDT
X-Mailer: Mail User's Shell (7.1.2 7/11/90)
To: balloon
Subject: Juggling convention, ostrich, octopus
```

I just got back yesterday from the IJA convention. It was my first time
at one of these things and I have to say it was rather overwhelming. I
was hoping to have the opportunity to spend some time wandering through
Montreal, but I was having too much fun juggling (and doing other related
activities). I came back with only one minor injury. Not wanting to
lose too much time in the obstacle course when I dropped a ball, I took a
dive forward to catch it and I scratched up my knee a bit. Anyway, it
was a lot of fun.

I was rather disappointed to arrive in McGill only to find out that there
were no scheduled balloon workshops. I was hoping to learn from some
better balloon twisters while I was there and expressed my displeasure to
a few people. Well, having opened my mouth I quickly found a number of
people asking me questions and trying to learn more about balloon
sculpting from me. It didn't take very long before a couple of poeple
talked me into running a workshop. Word got around and a small crowd
gathered for the workshop. A small corner of the gym quickly filled with
balloons. Most of the folks that showed up knew the basics, like the
basic dog and a swan. A few were just getting started and even fewer had
a large number of figures mastered. Everyone was willing to share what
they knew and I managed to pick up a few new figures. I didn't learn as
much as I had hoped, but I enjoyed getting all the attention. I'm not a
great juggler and I felt almost completely incompetent when I saw some of
the 9 to 12 year old kids juggling between 5 and 9 objects, but doing
balloons helped me tfeel a bit better. Of course, by next year I assume
all the 9 to 12 year old kids that I taught basic balloon skills to will
be able to out twist me.

One of the figures I did learn was the ostrich. It's incredibly easy and
incredibly big. It starts out much like an octopus so I'll explain that
first for anyone that isn't familiar with it. The octopus requires four
balloons. I usually make sure they're all differnet colors. Fill them
almost to the end and twist them all together inthe middle.
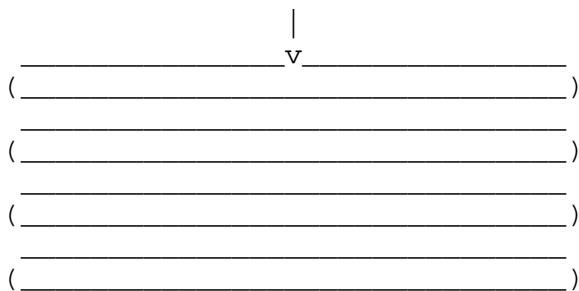
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Now grab all eight ends and twist them together about 6 inches from the
middle of the balloon.

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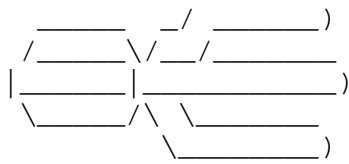
Obviously the wrong number of legs are showing, but you should be able to
get the idea.

To create the body of the ostrich, do the same thing, but twist the eight
bubbles together closer to teh ends of the balloons. The ends form tail
feathers.

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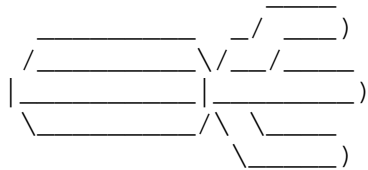
three more balloons are needed to finish up. One forms the head and
neck. The others are the legs. All of these balloons will get filled
almost to the ends. The balloon used for the head has one small bubble
near the nozzle so it can be twisted into the body. The neck is then
shaped. The legs just have three toes sso do that by making a couple dog
ears in the end of the balloon (by that I mean form the basic head and
ears of a dog). Attach the legs by twisting them to the middle of one of
the bubbles in the body.

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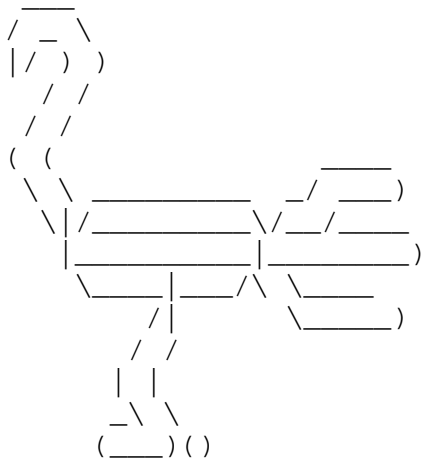
- Larry

Date: Thu, 3 Oct 1996 11:38:35 -0400
To: balloon@cvs.rochester.edu
From: ramsi@mcbio.med.buffalo.edu (Ramsi Haddad)
Subject: story telling with balloons.

Howdy,

        On the theme of story telling, I picked up "There was an old lady
who swallowed a fly". It seems to me that it would be very good for
balloon story telling insofar as its a rhyming poem and is therefore easy
to memorize. As well, it involves animals that we all know how to make. I
guess all that would be required is a large bag that looked like an old
lady. That way one could put the balloons in the bag to simulate
swallowing.

Just a thought.

Ramsi

```
Date: Thu, 3 Oct 1996 10:45:10 -0700 (PDT)
From: William Chapman <willc@halcyon.com>
To: Kevin Kinney <kkinney@med.unc.edu>
Subject: Re: story telling with balloons.

On Thu, 3 Oct 1996, Kevin Kinney wrote:

> >          On the theme of story telling, I picked up "There was an old lady
> > who swallowed a fly".  It seems to me that it would be very good for
> > balloon story telling insofar as its a rhyming poem and is therefore easy
> > to memorize.  As well, it involves animals that we all know how to make.  I
> > guess all that would be required is a large bag that looked like an old
> > lady.  That way one could put the balloons in the bag to simulate
> > swallowing.
> >
> > Just a thought.
> >
> > Ramsi
>
> I'm no expert, but I think this is a great idea! (assuming, of course, one
> could make all those animals).  With the "bag" lady, you're also setting
> yourself up for a great punchline/magic routine, by putting all the parts
> into the bag, then pulling somethingelse entirely out!
>
> I've no clue how to do this, but I think it should be do-able.
>
> Any thoughts?
>

Sure, you could twist the one going into the bag to the ones already
in there.  This could be done out of sight of your audience. Maybe a quick
hat could be made from the "Menagerie" to pull out and  wear as you
leave!

---Will Chapman
```

Subject: Re: story telling with balloons.
To: balloon@fooledya.com (260Q)
Date: Thu, 3 Oct 1996 13:23:45 -0400 (EDT)
From: "Steven Hayden Brown" <po!smokin!steve>

Ramsi wrote in part:
> >   On the theme of story telling, I picked up "There was an old lady
> > who swallowed a fly".

to which Kevin replied:
> I'm no expert, but I think this is a great idea! (assuming, of course, one
> could make all those animals). With the "bag" lady, you're also setting
> yourself up for a great punchline/magic routine, by putting all the parts
> into the bag, then pulling somethingelse entirely out!
>
> I've no clue how to do this, but I think it should be do-able.
> Any thoughts?

I like it guys....guess I'm usually one of the first to turn something
into a card trick....but what about stuffing a forced card inside the
final balloon animal/person/whatever, that comes out of the bag...?
it could fit the 'swallowed' part of the story line....

or (to turn the routine slightly 'blue') a zipper inside the last
sculpture...it's "the fly"....(ok..maybe NOT for kids.... :*)

Depending on where you are and how you work it, you might be able to
switch bags near the end...then a multi-balloon sculpture could come
into play from the bag..

Peter, Paul & Mary sing a song like this..does anyone know if it's the
same story/song or even similar.....(I'm not about to 'date' myself,
I'll go along with everyone else and say that I watch PBS once in awhile.
Wouldn't do to let people know that I remember them from the '60's...)

-steve-

```
From balloon-request@cvs.rochester.edu  Wed Feb 21 21:45:31 1996
        id AA29455; Wed, 21 Feb 96 21:41:04 EST
To: balloon@cvs.rochester.edu
From: davidgra@nmaa.org (David Graves)
Subject: Olga
Date: Wed, 21 Feb 1996 21:37:35 -0400
Message-Id: <19960222013727457.AAA124@ppp73.nmaa.org>
```

I was asked how Olga was made, so here it goes:

One 260 balloon blown up leaving 8 inches of uninflated balloon.

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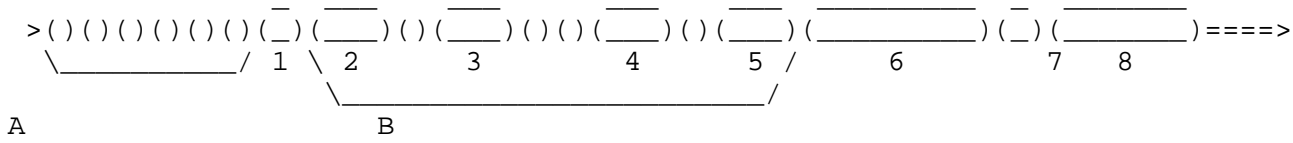
First twist six small bubbles to make the hair. Use the nozzel to tie it
off at the top of 1. the head is represented by the 1 bubble. The 2 is an
arm about 3 inches, followed by the hand, ear twist the bubble 2/3. Follow
the ear twist with another 3 inch bubble. Next the feet is made by two ear
twist bubbles. Next is the opposite leg a 3 inch bubble. Now the other
hand an ear twist 4/5. Now take the twist at 1/2 and at 5/6 and twist them
together. You now have the arms, legs, feet and hands. The body is made by
inserting the 6 bubble in the loop created by the "B" section. You adjust
the belly by pulling the 6 bubble through until it looks right for you. Now
twist bubble 7 so the bubble is just above the feet in the back of Olga.
Ear twist the 7 bubble several times. Deflate the remainder of the balloon
and tie off at 8, removing the excess. The hair can be arranged several
ways. Twisting the the bubbles together forms a texture to the hair.
Taking the top bubbles and pulling them through the neck area 1/2 will make
a long hair effect.

I hope this is ok as it is the first time I have tried to explain how to do
a sculpture.
Any questions???

David

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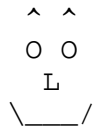
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Date: Thu, 25 Jul 1996 17:08:24 -0400
From: Garry Gardner <104267.444@CompuServe.COM>
Subject: Re:One-handed Knots
To: Balloons <balloon@www.fooledya.com>

Troy asked about one-handed knots.
David Hamilton was at the Iowa State Fair a couple years ago and
used all one-handed knots in his show, as well as a simple 3-twist
one-handed dog.  After the show I asked about the knot and he
showed me his method. Keep a long nozzle when you inflate, and
before releasing the end from your mouth, wrap the nozzle around
your index and middle fingers. Then roll the end of the balloon
with the wrapped nozzle off the end of your fingers with your thumb,
making a knot.  It's the same principle as tying a knot in the end of
a thread when you sew on a button.  If this isn't clear enough, ask
your Mom. :-)


Professor Wonder
```

From: Dennis Dawson <ddawson@clarify.com>
To: "'Balloon Mailing List'" <balloon@fooledya.com>
Subject: Orangutan
Date: Wed, 5 Jun 1996 14:24:37 -0700

There's been a lot of creative spelling going on. I know I'm the only
one concerned with spelling on the Internet (unless you are too: then
that makes two of us).

Rather than simply waste disk space on grammatical concerns, I
experimented with some models for the orangutan. Whenever I start out,
I think, "what critter does it look like, and what makes it different
from that critter?" In the case of an orangutan, I'd say it's a monkey
with big lips, small ears, long arms, fat body, short legs (though
their legs aren't really that short, they just tend to be bow-legged,
which creates the illusion.

I'm not posting this as instructions (yet), because I'm not happy with
it (yet). I did get the "Oh, it's an orangutan? Yeah, yeah, I see
it...." response, so that's at least encouraging. Ultimately, I think
this needs to be a non-linear model (i.e., starting somewhere other
than the head), but I'm out of time to fiddle with it at the moment. So
here's my first pass:

Inflate a 260, leaving 5" or so.

Start with an apple twist, then twist it in half to make "kissy-lips."

Teddy-bear-ish head (5 bubbles, 1", .5", 1", .5", 1"). Make sure the
ears are very small.

Neck (or try eliminating the neck - I think it would look better that
way).

Long arms.

Bird body.

Short legs, small tail.

Pull the arms down and stick the legs through a bit to make it sit.

What I want to try:

Start with the first arm (long bubble), ear twist (ear), loop twist
(head), ear twist (ear), second arm, legs, bird body, then use the end
of the balloon for the lips. Connect the first arm to where the body
meets the legs. It would take some fiddling to get the inflation right,
and some friction adjustment to get it to sit, but that would eliminate
the neck and give a more squat overall look. Mostly, it would enable
the head to be made out of one bubble instead of three.

I don't have the opportunity to try this out at the moment, but maybe
one of the more talented contributors can refute or affirm the
non-linear approach.

Date: 06 Jun 96 11:53:15 EDT
From: "Marvin L. Hardy" <73532.2312@CompuServe.COM>
To: Balloon Mailing List <balloon@fooledya.com>
Subject: Orangutan

There has been a fair amount of interest expressed for instructions for an
Orangutan. I'll try to explain one in detail but have a hard time with
illustrations.

Head and Face:

1. Inflate a 260Q leaving approximately 8 inches uninflated. Form a 1 1/2 inch
bubble at the knot end of the balloon. This 1 1/2 inch bubble will form the
back of the head.

2. Form a 1 inch pinch twist. Twist the pinch twist in half to form the eyes.

3. Form a 1/2 inch bubble for the nose, followed by a 1/2 inch pinch twist.
This pinch twist will be the upper lip.

4. Form a second 1/2 inch pinch twist. This pinch twist will be the lower lip.

5. Form a 1/2 inch bubble for the chin, followed by a 1 1/2 inch bubble for one
side of the face, a 1/2 inch bubble for one ear, a 1 inch bubble for the top of
the head, a 1/2 inch bubble for the second ear, and a 1 1/2 inch bubble for the
other side of the head. Twist the two 1 1/2 inch bubbles together forming a 5
bubble loop.

6. Tuck the 1 1/2 inch bubble at the knot end of the balloon through the loop to
hold the eyes, nose, and lips in position.

7. Pinch twist the two 1/2 inch bubbles for the ears.

8. Pull the knot at the end of the balloon down abd wrap it around the twist at
the base of the head.

NOTE: You can have the eyes a different color with the following steps:

Make a pinch twist in another balloon for the eyes.

Twist this pinch twist in half for the eyes, then deflate the remainder of this
balloon and cut it off approximately 1 inch from the twist.

Wrap the deflated end around the twst two or three times to prevent the pinch
twist from untwisting.

Wedge the twist in this pinch twist into the twist at the end of the first 1 1/2
inch bubble before tucking this bubble through the 5 bubble loop in step 6. The
two bubbles form the eyes. Form the rest of the figure following the
instructions below.

Body, arms, and legs:

9. Form a 1/2 inch bubble for the neck, followed by a 2 inch bubble, a 1/2 inch
bubble, a 2 inch bubble, three 1/2 inch bubbles, a 2 inch bubble, a 1/2 inch
bubble, and another 2 inch bubble. Twist the first and fourth 2 inch bubbles
together to form a 9 bubble loop. This loop will be the arms.

10. Form a 2 inch bubble for the body, followed by a 1 1/2 inch bubble, two 1/2
inch bubble, and another 1 1/2 inch bubble. Twist the two 1 1/2 inch bubbles
together to form the legs and feet.

If you are lucky, there will be a very small bubble left at the end of the balloon for the tail. You may have to make it a few times to get it just right but keep trying. It's worth it.

11. Pinch twist the first and fifth 1/2 inch bubbles in the arm loop for the elbows, and the second and fourth 1/2 inch bubbles for the hands. Pop the third 1/2 inch bubble to separate the arms. I usually twist the two pinch twists that form the hands in half but it is only a personal preference.

Good luck,

Marvin

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From balloon-request@cvs.rochester.edu Sat Jun 24 23:44:25 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA12964
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sat, 24 Jun 1995 23:44:25
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA25960; Sat, 24 Jun 95 23:44:39 EDT
Resent-Date: Sat, 24 Jun 1995 23:44:29 -0400
Old-Return-Path: <TOMATO1111@aol.com>
Date: Sat, 24 Jun 1995 23:44:29 -0400
From: TOMATO1111@aol.com
Message-Id: <950624234427_101723081@aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Hat envy
Resent-Message-Id: <"xcojV2.0.WL6.akDxl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/368
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
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Simon

I can't help on hats - they are not my cup of tea although I do make them
from time to time - made a lot of them for the Indiana Pacer Fans - helmet
type with a BIG 'P' in the front -

but I can help you on the parrott - I make more parrotts than anything else
in the summer. You make the beak - with a small bubble and then a larger
bubble for the head - wrap the knot by the first bubble around the "neck" -
then do four 1 1/2 inch bubbles joining them at the neck - then do a 3 or 4
inch bubble and do a roll thru on the four (body and wings) then - make three
once inch bubbles and fasten them at the bottom of the body - then with the
rest of the balloon I curl it around so you have what I call a Long Tailed
Parrott. You draw lines on the wings - eyes on the head and color in the
beak with either red or orange. Then you fasten the parrott on the shoulder
by bringing material through the three bubbles at the base - They are a real
Q T and the kids (and adults)
love them. I did a couple of picnics this afternoon and I must have made over
50 of them - I usually do them in yellow - they really stand out and it is
something they can wear and don't have to carry.

Hope this information has been helpful!! If it is not clear as me again and
I will try harder!!

Carol in Indy

From balloon-request@cvs.rochester.edu Sun Jun 25 02:06:01 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA13011
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 25 Jun 1995 02:06:01
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA26787; Sun, 25 Jun 95 02:05:48 EDT
Resent-Date: Sat, 24 Jun 1995 23:05:34 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Sat, 24 Jun 1995 23:05:34 -0700
Message-Id: <199506250605.XAA02630@mailhost.primenet.com>
X-Sender: clydep@mailhost.primenet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@PrimeNet.Com (Clyde & Arlene Powers)
Subject: Hat Envy
Resent-Message-Id: <"Hf_aE2.0.VY6.xoFxl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/369
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu

Well, I was going to stay out of this because there are a lot of
balloonologists on this line who do a lot better stuff, but since this is
your second request, I will share a few of my favorites. I do a lot of hats
in the restaurants.
 First make a standard feather hat. Tie a heart to the end of the feather.
Then make a spiral. I blow up a balloon all the way, then let the air out of
it, then wrap the balloon around two fingers and blow it up. Twist a one
inch bubble and attach at the bottom of the feather, and wrap the spiral
around the straight balloon. You can let it hang, or attach where you tied
the heart onto the straight balloon. By the way, this hat is in Captain
Visual's "Airheads".

Another hat I like is make a helmet hat. Blow up a 260 with a one inch tail,
fold in half to find the center, and attach the center of the balloon to the
front center of the helmet or the top of the middle of the helmet, this
leaves two tails, you can attach hearts to both tails, and add spirals. The
neat thing about hats, is you can add anything anywhere. You can put geos on
this hat instead of hearts, you can add spirals where ever you like, and you
can attach an animal anywhere you want. The basic hat here is one I learned
in a T. Myers workshop. You are only limited by, your imagination, time
frame and how many balloons you want to use.

I highly recommend any of T.Myers balloon hat books. But if you get one,
don't limit yourself to the hats in the book. Expand on them and make them
your own creations.

One of the fun things we do in restaurants, is hook every one together .
Make a hat for each person, then hook them all together, and watch them all
try to walk out of the restaurant.

I make a bear on each side of a heart for people celebrating anniversaries,
then make a helmet hat for both persons, and attach a fully inflated 260
from the hat to the heart . If the restaurant has helium balloons, I attach
one to the heart also to float the heart, which makes it easier for them to
walk out.

Braids make excellent hats, either turban style, or attached to a helmet

hat-thanks again T. Myers.

On the parrot, if you use two one inch bubbles for the feet, and ear twist
them, all you have to do is spread the feet from the tail, then set them on
the shoulder, the bubbles will pull material into the crease and will set,
if that doesn't work for you, you can pull some material between the feet
and tail .

Hope this helps.
Arleenie

```
From: "Perry, Troy" <taperry@uswnvg.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: peace, man
Date: Wed, 23 Apr 1997 17:07:02 -0700
```

Hi again,

Thought I'd throw this up (yuck!) real quick before I go home.

I was trying to learn T. Myers peace symbol (from the collection of
newletter which I highly recommend). I'm having a bit of trouble getting
it right, but I came up with a one-balloon version you might like whilst
trying to wrap my brain around T's fine drawing.

I haven't seen this in the Guide, so I guess I don't own the right book
yet. I really did come up with this myself.

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Troy's Receipe For Peace
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Inflate a 260 leaving 6" uninflated.
Make a loop twist so you have a circle about 8" in diameter (outside to
outside).
Bring the remaining part of the balloon across the loop and make a twist
about 2/3 of the way across the circle.
Make a pinch-and-pop series using 3", 1/2", 1/2", 1/2", 3" bubbles.
Lock the base of the 3" bubbles. Pinch twist the first and last 1/2" and
pop the middle one.
You should now have three short "arms" unattached.
While carefully holding the pinch twisted bubbles, twist into the circle
at appropriate points to complete the peace symbol.
Attach the unpinchtwisted (hey, a new word) arm in a similar manner.

Enjoy!
Troy

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From: TMyersMagi@aol.com
Date: Sat, 1 Jun 1996 13:26:54 -0400
To: balloon@fooledya.com
Subject: Re: fast pearls re: Luton Carnival
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Hi Guys,

Vaughn writes about the string of pearls taking a long time to make.

The fastest way I have found to make a string of small bubbles is to roll the
body of the 260 down my leg with one hand while the other hand holds the
bubble.

The first bubble of the string also has to be held, either by the bubble hand
or by being attached to a held sculpture.

By rolling the body of the 260 the same distance down your leg each time you
get a uniform number of twists between bubbles. If the twists aren't even
the line of bubbles tries to make them even and some bubbles may untwist.

The pearls hat is not the fastest hat to make but it is popular. I figure
the pearls take about as long as a fancy poodle.

Tom (free twisters catalog, just ask) Myers
T. Myers Magic, Inc.

email - TMyersMagi@aol.com
snail - 1509 Parker Bend
            Austin, TX 78734

Fax - 1(512) 263-9742
Info - 1(512) 263-2375
Orders - 1-800-648-6221

From: Ddevere@aol.com
Date: Wed, 9 Apr 1997 23:38:05 -0400 (EDT)
To: balloon@fooledya.com
Subject: Re: jewelry ideas

Hi,

My signature item is a strand of "pearls". I inflate a 260 no more than half
way and begin twisting round bubbles (I got the idea from the reindeer
antelers). The trick is that you have to hold the first two until you reach
the end and can twist the beginning to the end. I have a lot of fun saying
that the purple strands are amythest beads,the reds are rubys, the greens are
emeralds, etc... Girls of all ages love them. After all, "the only thing
that separates us from the aninmals is our ability to accessorize" (Shirley
McClaine in Steele Magnolias).

I would note that it is a bit tough on the wrist and can simulate a carpal
tunnel syndrome, so be sure to flex your twisting wrist after each strand.

A variation on this is that I will inflate the balloon a bit over half and
use the large section that you are unable to twist into pearls to become the
head of a swan when I turn the strand into a bracelet.

Hope this is useful for you,

Diane Bullock
Atlanta, GA

From: "Perry, Troy" <taperry@Gateway.Uswnvg.COM>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: Another Penguin
Date: Wed, 15 May 96 12:25:00 PDT

Here's an easy one that even adults (the imagination impaired) recognized
immediately. I'm still fine tuning the proportions, but you'll improve it
anyway, I'm sure.

You'll need one black 260 and one white 260. Or, you can go nuts and use
other colors.

Inflate the black leaving 4 - 5 inches uninflated.
Twist a 1/2 inch bubble. Then a 2, a 3, a 2, and another 3 inch one. These
are the feet. Lock twist them. Then, locktwist again so you have a 1/2 inch
tail and two feet made of a 2 and a 3 inch bubble.

Now, we'll make a slightly modified bird body (so it hunches like a
penguin).
Make two 4 1/2 inch bubbles and locktwist them. For the back, make a 5 or
six inch bubble. I actually go to the other end and make the head and just
use what's left for the back. The head should be about 1 1/2 inches long,
the back about 5 - 6 inches. The remaining uninflated--when I get it
right--is about 1 1/2 inches long (beak). Stretch it over to one side so it
looks more penguin-like.

Enjoy, but as always, copyright 1996 Troy Perry (just in case *I* ever write
a book)

Troy

From balloon-request@cvs.rochester.edu Wed Aug 16 11:21:50 1995
        id AA20686; Wed, 16 Aug 95 11:20:50 EDT
Date: Wed, 16 Aug 95 11:20:42 EDT
From: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9508161520.AA17737@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: a penguin

   I recently did some light busking at a local beach/picnic area to see if I
would get hassled. It turned out to NOT be a good location, altho I think the
time of day I was there had something to do with it. (several day care centers,
and older summer camps had all their kids there for the day.. lots of takers,
very few with anything of any kind to toss into the hat.) So I strolled over
to a pavilion that was housing a group from a nearby retirement home. I decided
to make their dreams come true and make balloons for them to give their
grandchildren. (see, I'm not ALL heartless) One of the ladies asked fora
penguin... had never made one, never thought about or read about one, so I
did my best with the ole imagination. Hope I can describe it clearly enough.
It really looked good.

Required: one white, one black 260's.

Inflate both, leave about a 4 inch tail.

With the white: Make two 1.5 inch bubbles, tie the mouth piece to the base of
the second bubble so you have two side by side.

With the black: Make a half inch bubble, follow with a 1.5 inch. Twist the
base of the second bubble together with the base of the two bubbles on the
white balloon.

   Now pull the 0.5 inch black bubble over the two white ones (like you were
making a snoopy head), and twist its mouth piece around the base of the bubbles
This short bubble pulled over the longer ones will form a teardrop shape and
look like a beak.

   Make a large birds body with the remainder of the black balloon.. leave about
a 4 or 5 inch tail... left over uninflated balloon will not hurt at this point.

   With the white portion left over, push a big section through the black bird
body so it becomes part of the body.. position this so its facing the front
of the bird. With the rest of the white balloon, make two large loops, like
with the typical bears arms. These become the feet. Tie off the rest of this
balloon and break off.

   With the rest of the black balloon, make another loop which becomes the
tail. Tie and break off the rest of the balloon.

   It really was not needed, but I used a Sharpie to draw in eyes on the
white bubbles to either side of the beak.

 Looked great... so good infact that she donated it to the center for them
to auction off, and she bought it back for $10.00. Simple, but nice.

   Would love to hear of any recomendations for improvements on it.. One
improvement I've made was to make the 0.5 inch bubble, tie it onto the joint
of the two white balloons, pull it up and over the white bubbles, then squeeze
the air out of the portion of the balloon that would run down the back of

the two white ones. It further defines the head as being the two white
balloons and the beak. I did not include this in the original description
because I wanted to set a baseline as to where I started from. Don't know
if it makes sense to any of you, but I wanted to give you the options that
I presently have developed... and then again, this may just be a recreation
of something I've over looked in the past, and that's OK with me too.

Let the suggestions rip folks.

cheers - jim batten

From: "Perry, Troy" <taperry@NTSVR05.USWNVG.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: simple humanoid
Date: Wed, 24 Jul 1996 16:54:19 -0700

Wow! That truly is an awesome basketball player Adrienne. I'll post mine
here in case someone has a use for a much simpler one.

This is a two 260 humanoid form that can be used for many things. I use
it most for Michael Jordan or Shawn Kemp. I've also used it for a golfer
and a baseball player. Just give it different accessories.

I'm sure something like this must have been posted, but I don't remember
seeing it (and I've poked around on the website quite a bit).

Two 260s of the same color. I use black, brown, or pink. Inflated with 6
inches uninflated.
One scrap leftover from an orange 260.

Head and neck
Start with a 1 1/2 inch tulip/apple twist at the knot end of one of the
black balloons. This is the head. A 1/2 bubble is the neck. A 1/2
bubble, pinch twisted, will hold the arms and neck in position.

Arms and hands
You'll make a long series of bubbles that will be (in this order) upper
arm, elbow, lower arm, hand, popped, hand, lower arm, elbow, upper arm.
This series is lock twisted at the 'shoulders'. I use 2 inch bubbles for
all the arm segments and 1/2 inch or 3/4 inch pinch-twisted bubbles for
the elbows and hands. I also don't do the pop until the very last.

At this point you have the top half of a person and probably an overly
long torso. Not to worry.

Legs and feet
Using the second black balloon, twist a 1 inch bubble in the knot end.
Pinch twist the 1 inch bubble. 2 inch bubble for lower leg. 1/2 inch
pinch for knee. 2 inch bubble for upper leg. Two 3/4 inch pinch twisted
bubbles for buns (hey! something has to hold these legs in the right
place). Make the other leg just like the first. Pinch twist the foot a
couple extra times and remove the rest of the balloon.

Combine the two parts you now have so you end up with a reasonably
proportioned person. I make the torso a little longer than normal so the
figure looks taller. Make a twist in the first 260 where you want the
waist to be and wrap that twist about seven times around the base of the
'buns' on the second 260. Discard the rest of the first balloon. This is
a family show.

Basketball
The orange bit, of course. inflate a 1 1/2 bubble. When you tie it on
the left wrist it will look round. Arrange the limbs in your favorite
dunk or lay-up pose and present it.

Troy

Date: Sat, 7 Sep 1996 16:14:27 -0400 (EDT)
From: Larry Moss <moss@fooledya.com>
To: Lorna Paris <lparis@mail.sdsu.edu>
Subject: Making huge people

>   I figure if i use pink 6" hearts for the heads, 130's (this is where the
> contact cement comes in) for the hair, and weave some arms and gowns for
> them all, I should have a base wide enough to support the sculptures as long
> as nobody tries to walk by too terribly fast and creates a gigantic wind or
> something.

Why do you need contact cement for the hair. Ok, if you really want to do
full heads of hair maybe, but I put hair on heads made from hearts all the
time.   I make it as if I was making a hat, but instead of having things
spread out and pointed up, I keep all bubbles close to the head, and
pointing down in the back.

Hmm, ok, here, I have some pictures that I promised Lorna I'd show her
anyway. I forgot to do that. I'll go ahead and stick them on a web page
so everyone can seem them. The pictures aren't good. I'm not editing the
scans now either, so the rough stuff I've got now is what you get. If I
find time, I'll do something with them later.

It's a wizard I made for a prom in June. I think this will be sufficient
to help you see how a graduate could be made with only balloons. It was a
very loose weave that I used for most of it. I was hired to perform and
later was asked about a sculpture for the center of the floor. the loose
weave was so I could make it large without taking so much time that it
would be out of their budget. The bubbles in the weave were made in
varying sizes to give the robe an uneven and flowing look. You can decide
if I succeeded. I'm not crazy about the final appearance of the robe, but
they loved it, so maybe I'm too critical.

Inside the arms of the robe, I attached arms that were made of 5 braided
130s. I placed latex gloves on the ends and stuck one 130 in each of the
glove's fingers. The crystal ball in the wizards hand has a dragon made of
130s stuffed inside it.

The first picture was just part that I did at home beforehand while
experimenting. The second is the actual one used for the prom. The prom
was held in a gym and the air was so bad that the balloons discolored
almost as quickly as I could inflate them. I didn't use any sort of rubber
treatment, again as a time saving thing. I discussed this with them before
and they agreed to go without it. Again, it went over well, and I think I
was the only one that knew the balloons weren't as bright as they were
supposed to be.

http://www.fooledya.com/pics/wizpics.html

```
From balloon-request@cvs.rochester.edu Wed Jun 28 20:54:38 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA17098
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Wed, 28 Jun 1995 20:54:38
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA16799; Wed, 28 Jun 95 20:54:17 EDT
Resent-Date: Wed, 28 Jun 1995 20:07:34 -0500 (CDT)
Old-Return-Path: <atteberr@math.ukans.edu>
Date: Wed, 28 Jun 1995 20:07:34 -0500 (CDT)
From: Tracy Atteberry <atteberr@math.ukans.edu>
Subject: Of festivals and pigs
To: Balloon Mailing List <balloon@cvs.rochester.edu>
Message-Id: <Pine.3.89.9506282025.A17814-0100000@golem>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: 7BIT
Resent-Message-Id: <"4dW-f.0.R64.ucVyl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/379
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hi all. This is my first posting to this list (ltlftp - long time
lurker, first time poster). I just finished twisting in public for the
first time this last weekend at a swap meet/crafts fair in Nebraska. I
thought it went pretty well considering the rain and that it was my
first time. I made a LOT of hats (mostly double helix hats) and swords.
Anyway, I have a question and then a contribution. While I was twisting
a lady came up and asked if I would be interested in coming back and
performing at their town's annual festival (in honor of the town's
founder). She wants to pay a flat fee (no tips) for standing on the
street corner and twisting balloons for 1 to 3 days. I gave her my card
and told her that I'd call her back. How much should one charge for
this sort of thing? (BTW, it's about a five hour drive from where I
live.)

Now for my humble contribution. I wanted to be able to make a pig but I
couldn't find any in the books that I have. Here is what I came up with.

PIGGY

```
            ear         ear                        ear    ear
   nose      _           _         2/3 of body      | pop |
    __   __ /_\ ____  ___ /_\ __  _____  _____   __ /_\/_\/_\ __
  (@)(__)(__)(_)(____)(_)(__)(_____)(_____)(__)(_)(_)(_)(__)
    \    _____/_____/_____/
     _____|                          front legs

      rest        ear   ear
     of body       | pop |
     _____    __ /_\/_\/_\ __  __
    (_____).(__)(_)(_)(_)(__)(__).......
         / _____/_____/
        knot      back legs      tail
```
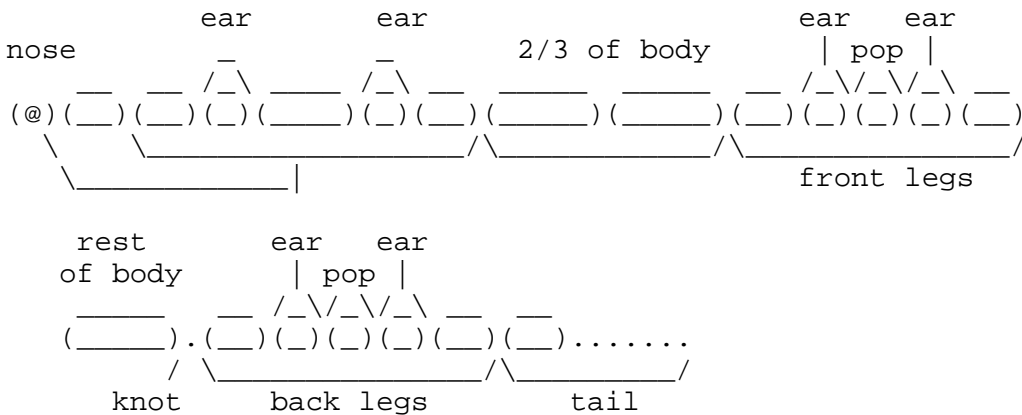
INSTRUCTIONS

Start with a balloon fully inflated except for about 6 inches.
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To begin, form a .5" tulip twist followed by two 1" bubbles, a .5"
bubble, a 1.5" bubble, another .5" bubble, and another 1" bubble. Lock
twist the second and third 1" bubbles to form a five bubble loop. Push
the tulip twist (snout) through the loop and ear twist the .5" buubles
to complete the head. Form two 3" bubbles and lock twist these to form
the lower two thirds of the body. Form a 1" bubble, three .5" bubbles
and another 1" bubble. Lock twist the two 1" bubbles. Ear twist the
first and third .5" bubbles and pop the one in the middle to form the
front feet. Form a 3" bubble and roll it through the other two 3"
bubbles to finish forming the body. It's probably obvious at this point
that there won't be enough to finsh (at least not with the long tail
that a pig deserves). Deflate the remaining balloon and tie off.
Inflate a second balloon only about 4 inches and tie on to back of body.
Complete by forming the hind legs in the same way as the front legs.
Form a 1" bubble, three .5" bubbles and another 1" bubble. Lock twist
the two 1" bubbles. Ear twist the first and third .5" bubbles and pop
the one in the middle to form the hind feet. You should now have a cute
little pig with a long tail. If anyone can tell me how to make the tail
curl without inflating it please let me know. Does anyone know of a one
balloon version of a pig?

```
                   ___                      \|/
                  (. .)                    (o o)
-------------oOo-(_)-oOo---------oOo-(_)-oOo-------------
Tracy Atteberry                       University of Kansas
atteberr@math.ukans.edu               Mathematics Department
World Wide Web URL -  http://www.math.ukans.edu/~atteberr/
---------------------------------------------------------
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From balloon-request@cvs.rochester.edu Wed Feb 14 08:35:56 1996
        id AA11902; Wed, 14 Feb 96 08:32:01 EST
Date: Wed, 14 Feb 1996 13:37:32 GMT
Message-Id: <199602141337.NAA10965@server.netcore.ca>
To: balloon@cvs.rochester.edu
From: ajohnson@netcore.ca (Alan Johnson)
Subject: Pig sculpture

Hello: I have been looking in for a while now and finally have something to
add. My name is Carol "CLaroL the CLown" from Windsor, ON Canada. I've
been twisting since 1987, and am a clown full time, twisting a restaurants,
parties and anywhere I can get work. Gee this sounds like a first date
conversation -maybe even an AA confession. But, let me get to it.

Dan the Balloon Boy is in search of a new Pig Body...not for himself but his
pig sculpture. I make a pig head via a teddy bear head with an apple twist
for the nose. For the pig I turn the ears front to back instead of side to
side for the bear. Now for the body. After making a neck and two front feet
(two bubbles lock twisted at the neck) I use a three bubble roll through for
a "pot bellie" add two more lock twisted legs and voila. "This Little
Piggy". If you don't understand the three bubble roll through check out the
Love Birds in Marvin's Book Balloon magic on Page 94. You've got to make
the legs fairly long so it will stand, but practice will help you figure out
the proportions.

Best Fishes!   Carol

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From balloon-request@cvs.rochester.edu  Wed Feb 14 10:42:20 1996
        id AA13776; Wed, 14 Feb 96 10:36:20 EST
Message-Id: <199602141536.IAA19664@usr3.primenet.com>
To: Balloon Modelling <balloon@cvs.rochester.edu>
Subject: A note on the pig
Date: Wed, 14 Feb 96 08:41:38 -0500
From: "Powers, Clyde & Arlene" <clydep@primenet.com>

-- [ From: Powers, Clyde & Arlene * EMC.Ver #2.5.02 ] --

Just a little note on the pig sculpture. If you make the ear twists really
soft, the ear will curl around, so that it looks like a pig, not a teddy
bear. Also, if you have some uninflated balloon left at the end tie a few
knots right next to each other to give it texture. I learned these hints
from Yvonne "Yummy " Twistin in Tucson Brogdon, who lurks on this line.
Arleenie
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From balloon-request@cvs.rochester.edu  Mon Feb 12 11:54:38 1996
         id AA10185; Mon, 12 Feb 96 11:49:40 EST
Date: Mon, 12 Feb 1996 11:49:29 -0500
From: CHACHACBA@aol.com
Message-Id: <960212114928_319761494@mail06.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Pig Sculpter
```

In a message dated 96-02-11 10:49:33 EST, you write:

> One balloon that alot of people like is the Pig (thanks Tracy). People
>just can't get over his adorable face. But I just don't enjoy twistign his
>body especially when you have to defalte ,tie off the rest of the balloon
>and add a new one. Theres just too many things that could go wrong. If
>anyone has any other way of twisting the pig's body, please post it.

A fast one balloon pig that people like is very simple. Just start with an
apple twist (tulip twist to some) and then make a teddy bear using the apple
for the nose. This makes good "zoo-a-logical" sense because the bear and the
pig are very close relatives.

CHA CHA

```
From balloon-request@cvs.rochester.edu  Sat Feb 17 07:02:42 1996
        id AA28381; Sat, 17 Feb 96 07:00:16 EST
Date: 17 Feb 96 06:59:27 EST
From: FRED HARSHBERGER <103322.3000@compuserve.com>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re: Pig sculpture
Message-Id: <960217115927_103322.3000_JHL57-1@CompuServe.COM>


Additional Pig notes:
Carol's, pig sounds similar to the model I use, with minor variations...
I use a three bubble-roll-through for the body but make it uneven, that is, with
two matching bubbles and one larger bubble.  If you put the larger bubble on
top, it pushes the legs (& neck & tail) down, reducing the *pig jumping over the
fence* look.  I use this same body for the brontosaurus.  Hint 1: The tendency
is to make the matching bubbles first, thus making your roll-through more
difficult, rolling the larger bubble between the smaller pair.  Make the larger
bubble one of the initial pair, then roll the second small one through a larger
opening.  Hint 2: After twisting the front legs, I give the remainder a two
handed squeeze to soften it, then twist the stub tail and back legs.  What's
left I devide up for the body.
Styling...I like to make the sides of the head smaller and the top of the head
wider than a standard bear's head.  It make it look more like a cartoon pig, and
(a little) less like a bear.
Pig Tail:  For fun you can drop a plastic coated twist tie into the balloon
before you inflate it (smaller than usual), make all proportions smaller, and
using the tie in the extra uninflated tail, give the pig an actual curlie tail!
This is usually too involved to bother with at the restaurant, so I just do a
stub tail, and casually mention that Viet. pot-bellied pigs don't have curly
tails (true).
M.y.t.b.m.a.y.p.f.
Fred "The Balloon Dude" Harshberger
Simi Valley, CA
103322.3000@compuserve.com
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From balloon-request@cvs.rochester.edu   Tue Feb 13 11:16:25 1996
        id AA27577; Tue, 13 Feb 96 11:10:54 EST
Date: Tue, 13 Feb 1996 11:10:47 -0500
From: LarryH49@aol.com
Message-Id: <960213111046_421431117@emout10.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Pig Sculpter
```

I haven't made (constructed) a pig in a long time but I usually make the head
as ChaCha said and a three bubble (bird body) type body to make it look
fatter and put short legs on it.
Regards,
Larry Hirsch

Date: Fri, 12 Jul 1996 22:23:50 -0400 (EDT)
From: Freda Whaley 904-944-0550 <WHALEYF@mail.firn.edu>
Subject: I'm back
To: balloon@fooledya.com

I had a great visit in Hawaii. Even did some balloons for the neighbor
children on the compound where my son lives.

The only bad part about the trip was flying over a jet (Navy) that had just
crashed moments before as we were coming in for a landing.

Now for balloon news:

I was fooling around with the pig pattern and tried one I had read about
here on the list. I'm sorry, but I just can't remember who posted and
suggest that for a one balloon pig, make a tulip twist for the nose and
then do the head as you would for the bear. I tried this and it was really
cute. I then did poodle legs to make the little hooves pigs have. It
looked pretty good and I have a picture to send in to have scanned for the
archives. But I would like to see shorter legs and a fatter body on this
little guy. I was thinking of making a parrot body and then the poodle
legs. But haven't had a chance to try it yet.

Freda
Ziggy the Traveling Balloon Lady

Making a balloon Piglet

by Greg Dailey 3 (rdailey@jaguarsystems.com)

1. do a head (a little less than 4 inches) and a set of arms (the same size) using a pop twist.

2. use a broken balloon (blown to 3 inches) as ears by tying it to the nozzle of the head.

3. Blow up a red to around 14 inches and twist it into 4 equal parts with an inch and a half of space between the 2nd and 3rd bubble fold in half and tie the slack to the nozzle.

4. remember all the left over pink? take that and start wrapping it around the arm till you are sure that it will not let any air get out when you cut the rest off. Do so. now you just have his head and arms.

5. reinflate left over pink you cut off to five inches and tie it. twist in half and place it on the red balloon as shown in the picture.

6. fold the red putting the loops (noted A & B) over piglets head (like suspenders)

7. draw on a face and shirt stripes with marker (marks A lot works the best. and you should have picture 6.

I finally had a chance to look at the Balloon Magic Magazine premier
issue. I liked it a lot; it looked great and had some very good ideas
(which I'll get to in a bit). I don't think, however, that I can afford
the subscription; $6/24 pages is a bit steep to try to justify to my
wife. If it were closer to $3-4 per issue, I might reconsider...

The "Toy" section houses were terrific fun! I didn't have 350Q's, so I
used 260Q's instead. The structure was a lot weaker and a bit larger
than the original, but my son loves it. It fills my living room, and is
large enough for my 4-year old to play and jump and dance around in!

My second variation was to use 260's with a twist in the center of each,
so that each segment was half of a 260. (This is now his teddy bear's
house.)

DISCLAIMER: I'm about to describe a variation on the "Dome House"
presented in the Balloon Magic Magazine. I don't mean to impinge on
anyone's idea or possibly copyrighted materials; I want to give absolute
credit for the 350Q dome house idea to the originator (sorry, I don't
have the name with me). However, I think this variation is sufficiently
different in materials and construction directions to warrant giving it
to you all. Anyone who is interested in the original design can get a
complimentary copy from the publisher.

This figure uses 13 (or possibly 15) 260Q balloons.

1. Twist the first 1" of 5 fully inflated 260's all together in one
twist, then spread the balloons out to form a 5-arm radial with a
rosette of 1" bubbles in the center.

2. Take any two adjacent arms. Make a twist halfway down each (two
separate twists, one in each arm, _not_ twisted together).

3. Make a 1" bubble in the loose end of one of those arms. Connect
to the other arm by wrapping the 1" bubble around the other arm's
mid-twist.

4. Continue around in sequence for all 5 arms; connect a 1" bubble at

the end of each arm to the midpoint of the next arm around. This should
form a pentagon with spokes. The center of the spokes should sit a
little bit higher than the pentagonal outer ring.

(At this point, you could make this into a Shield, or a wild umbrella
hat, or a wheel on a car, or a ???)

5. Fully inflate 5 more 260's. Take one and put a single twist in the
center.

6. Make a 1" bubble on each end. Hold in a "V" shape, where the
mid-twist is at the bottom.

7. Attach the top points of the V to two adjacent vertices of the
pentagonal ring (from #4).

8. Repeat steps 5-7 for the other 4 balloons. If you were to label the
pentagon's vertices A, B, C, D, and E around the ring, the the first "V"
would attach to points A and B, the next the B and C, the next to C and
D, the next to D and E, and the last to E and A.

9a. Put a midpoint twist in two more full 260's, fill one more 260
halfway, and connect to the bottoms of the "V" balloons in a ring. This
makes a small dome house suitable for most small dolls and stuffed
animals, or this could be a cage for a ferocious balloon lion :-) You
can leave the last half balloon off for a "doorway".

  - or -

9b. Alternatively, make a second spoked pentagonal ring with 5 more
260's, attaching the vertices to the bottom of the V's. This will make a
fairly sturdy 3-foot (or so) icosahedron balloon ball.

(The subject of this email is regarding a new molecule structured
like Buckminster Fuller's geodesic domes; they look a lot like the
"dome house" model in the magazine. The molecule has been dubbed a
"buckyball".)

(Question for T. Myers: do you currently have 350's? How much are they?)

Other cool stuff in the magazine: grapes, lobster (w/ Mark B's new tail,
of course).

```
Date: Tue, 30 Jul 1996 13:44:49 -0400
From: Garry Gardner <104267.444@compuserve.com>
Subject: Poodle Tails
To: Balloons <balloon@www.fooledya.com>

I don't remember where I read this trick, but I use it all the time.
When putting the ball on the end of a poodle tail, give the tip a few
good stretches to weaken the skin and squeeze the inflated part at
the other end.  If you don't allow the bubble to just lengthen out,
a round bubble should pop out at the end. (Nothing new so far).
Now the trick - as you squeeze the bubble with one hand, stick the tip
of the opposite thumb in your mouth and make a show of blowing on it.
It looks like you're inflating the bubble by blowing through your
thumb.  It always gets a laugh from the adults, sometimes a kid's
eyes will bulge out to match the bubble, and you *don't* have to
suck on the balloon.

Professor Wonder
```

```
Date: Tue, 13 Aug 1996 10:52:25 -0600
To: Larry Moss <moss@fooledya.com>
From: bloonman@airmail.net (John M. Holmes)
Subject: Re: Oh, Pooh!
```

>I need Pooh and Hugo (from disney's Hunchback).

I've done the first one, but haven't seen The Hunchback movie yet.

>I haven't actually checked the archives for Pooh, but if you have one I
>know it's gonna be good.

You really know how to hurt a guy."if you have one I know it's gonna be
good." All egos aside, mine is rather basic. Inflate an orange to the
length to do the teddybear with the four-fold twist arms & legs. I do a
plain teddybear head in orange, leaving an inch or two of uninflated nozzle
in front of the knot for tying in later. Before I put the snout through &
twist the ears down, I use a black for a small nose-tip & eyes.(be sure to
leave the unused portion of the orange attached for later use) Suck,
squeeze, pump, push, or pull, as your own ethics declare, a "TINY" bit of
air into the nipple end of the black balloon. Using a square knot, I attach
this "TINY" black bubble to the end of the bears nose, as close as you
can.(THE CLOSER THE BETTER) Trim excess as close to the knot as you
can,(THE CLOSER THE BETTER) with your handy scissors. If you don't carry
scissors, nail clippers will do. If you don't carry nail clippers, your
trusty pocket knife will suffice. The remainder of the black gets a knot
tied in it & inflated with a bubble as "TINY" as the nose. Tie a knot on
both sides of this "TINY" bubble, leaving tie-in scrap. Twist this bubble
into two chambers & fold it into a twist made in the orange nose of the
bear's head at a point that will cause the eyes to set on the nose, but be
slightly inset under the top of the head.(this positioning will take some
practice) Push the snout in & twist the ears down. Twist the black eye
scraps around each ear as tight as possible. This helps to hold the nose,
eyes, ears, & head together as a unit. Next, I make the upper arms of the
four-fold twist bear body from a red balloon, leaving the remainder
attached. twist off a neck bubble below the head on the orange balloon &
fold, roll, twist, &/or tie this junction of the orange into the arms
junction of the red. Using the pop off & save technic shown in my **video
#2**, save the rest of the orange for making a pair of lower legs & tail.
Do so. Twist off a chamber of the red that would match a basic bear's body
and fold, roll, twist &/or tie this junction in with the lower feet & tail.
Get rid of all excess bubbles & scraps. Set ths aside & grab a yellow
balloon. Inflate about 5 to 6 inches & tie off,(with two knots in the same
place for grasping in a tulip twist) leaving at least 3 to 4 inches of
uninflated nozzle for tying into the red arms. Make a rather "DEEP" tulip
twist out of the yellow balloon. Roll the tulip down onto the knot so as to
allow the scrap/nozzle to come out of the top an inch or 2. This move also
serves the purpose of trapping the knot and keeping the tulip intact &
inflated longer. Twist the tulip into two parts of about 1/4 & 3/4's with
the scrap/nozzle protruding out of the larger of the two. Stretch the
scrap/nipple end & snip off. Push the scrap/nozzle end of the yellow
through one of the red arms & pull down tight. Take, in hand, a "Sharpie"
marker & write "HUNNY" on the yellow honey-pot. There you have it. "I HATE
WRITTEN INSTRUCTIONS !" This post took me almost 2 hours to compose. Let me
be the firdt to say "WHEWwww!!!" I hope this does it for you, Larry.
>Later,
>Larry

Free add blurb, just ask. I hope this is keeping within the guide lines
of
                                posting stuff. Since the instructions for

this
procedure are for sale on one of my videos, I
don't want to give it away out of fairness to
those bought the tape,...and to me.

>P.S.   These should be posted, if you don't mind.

I don't mind.

John,The Balloon Man-Dallas.

```
From balloon-request@cvs.rochester.edu Tue Jan 31 01:19:12 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA27690
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Tue, 31 Jan 1995 01:19:12
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA17429; Tue, 31 Jan 95 01:10:20 EST
Resent-Date: Mon, 30 Jan 1995 23:10:04 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Mon, 30 Jan 1995 23:10:04 -0700
Message-Id: <199501310610.XAA19201@news.primenet.com>
X-Sender: clydep@mailhost.primenet.com (Unverified)
X-Mailer: Windows Eudora Version 1.4.3
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@PrimeNet.Com (Clyde & Arlene Powers)
Subject: Retry Power Ranger
Resent-Message-Id: <"j_Abg.0.HG4.BHTBl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/51
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Well, here goes.This figure requires two 260Q's inflated with a four
to five inch tail.

Balloon 1

```
   foot    ankle    leg     knee    thigh    bun       \
* ( A 1) ( B 1) ( C  3 ) ( D 1) ( E  3 ) ( F 1)[      \
           ET                ET                 ET          \
                                                             \   LT
the buns
Balloon 2                                            /    together
                                                    /
(cont. below)
   foot    ankle    leg     knee     thigh    bun       /
* ( A 1) ( B 1) ( C  3 ) ( D 1) ( E  3 ) ( F 1)[    /
             ET                ET                ET    /
```

```
                                         elbow
Balloon 1                        arm      ( J 1)  arm
          /body                 ( I    4)     ET   ( K   6)
         / (G    4)]     head                              I   LT (see
note 1)
       /                  ( H    4)                        I
(cont)  /    body          FT      ( I    4)  elbow  ( K  6)
        \    (G   4)]                    arm      ( J 1)
         \         LT                              ET
          \         I
Balloon 2          I
                 Lock twist the two balloons to form  body.
                 Use the longer left over balloon for the head
                 fold twist.
```

Note 1: LT Arms together and make small ET to make leftover
balloon perpendicular to body for sword. Or if you have time make
pop twist on one arm and discard the rest of the balloon. Make an
ear twist on the other and leave rest of balloon for a sword or

weapon if you want the arms separate.

```
*    = Nozzle
ET = Ear Twist
LT = Lock Twist
FT = Fold Twist
```

This guy looks better if you draw on him. Draw a mask, diamonds at the wrist, ankle,and chest. He is a good all around sports figure too. He can have his arms finished with pop twists instead of joining them, and attached to any type of sports equipment. One of our twisters here attaches him to a basketball hoop hat. I don't know who to give credit to. I didn't make him up, but was taught by a friend, who was taught by a friend, who was taught by a friend. If I find who thought him up, I will happily give them credit. Some of our twisters here use the muscle man balloon for a power ranger (Captain Visual's One Balloon Handbook, also found in one of Dewey's books), I like this one better because it is simpler and it is bigger. In restaurant work, bigger means better exposure and BIGGER tips.

Arleenie Beenie

```
From balloon-request@cvs.rochester.edu Sun Mar 26 20:22:16 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA15878
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 26 Mar 1995 20:22:16
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA23278; Sun, 26 Mar 95 20:06:11 EST
Resent-Date: Sun, 26 Mar 1995 19:05:44 -0600
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Sun, 26 Mar 1995 19:05:44 -0600
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Message-Id: <199503270105.AA03626@uxa.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
Subject: Hello (balloon) world & FAQ update?
Resent-Message-Id: <"dCrfp3.0.gh5.2-WTl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/90
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hello Balloonatics!

     I've just recently joined your mailing list. My name is Mark and
when I'm not out making balloons or ballroom/latin/nite-club dancing,
I'm a PhD student in mechanical engineering at the University of Illinois.
I've been sculpting balloons for about 4 years now. In Fall of '90 I
bought "One Balloon Zoo" at a local magic store, and then got hooked.
I rarely run into any balloon artists where I am, so I have learned most
everything from books. You could say that I am a student of Dewey's,
because I got all his pamphlets and mastered all his fancy tricks and
beautiful animals early on. I did a library search and got a bunch of
books through inter-library loan to acquire more skills. I'm pretty
advanced and can make many, many different animals (even a bunch of
vegetables - you should see my balloon pumpkin!), though I enjoy making
complex, realistic looking things the best. I've got a few animals of
my own which I've never seen anyone else do, and they include a penguin
that actually looks like a penguin, a pair of ballroom dancers, and the
best looking fishes you have ever seen! I'll post them when I get the
chance. Oh, and the Hardy book is very good too (Hello Marvin!).
     I am really glad that I found this list, because I have already
learned so much from you guys. From your excellent descriptions and
ascii art, I can now:
-blow up balloons backwards (I found that if you pinch the balloon nipple
between thumb and index finger, and also between ring and pinky fingers,
then separate these pairs of pinched fingers, you can stretch the balloon
a little when you put that first puff in without anyone really noticing -
this helps with the initial inflation),
-flash inflate - what an AWESOME method this is - thanks Jim!
-make a fabulous choo-choo train (Larry - if you ear twist the very first
bubble, then hold it in your hand for 30 sec while squeezing it flat, the
heat and squeeze cause it to turn into a realistic looking "cow catcher"
which is made better by a few radial lines drawn with a marker... and I
draw a headlight too - like a pound sign (#) in a circle)
-learned about T. Meyers Inc. - What an impressive catalog they have!
-I've ordered Great Balloons by Merlin through inter-library loan (thanks
for your review Larry),
-plus many, many little tips.
     I have yet to print out/try some of the animals described in the
archived messages, but I will soon as soon as I get some more ballooons.

Hey Larry - do you have a brother (an old neighbor of mine) in
Glen Ridge, NJ?

Hey did any of you see the movie The Mask where the main character makes
his balloon animals? If you haven't seen it, rent it on video and watch
the balloon animal part in slow motion as his black balloon morphs into
a Thompson submachine gun with 50 round drum magazine and a pistol grip
forearm. Now that's a VERY cool trick!
There is a Steve Martin movie where he makes balloon animals, but I
can't remember which one (maybe more than one? I believe balloons played
a big role in Steve Martin's early comedy acts.) If you know of any
movies with balloon animals in them, please post them to the list and
I'll add them to the FAQ.

        Here's a litle story I want to share: I was making animals in a bar
last month and I ran into this one fellow who looked like he did _way_ too
many drugs in the '60's... well anyway, he was a balloon artist, and the
guy was amazingly FAST!!!! He borrowed a purple and a clear balloon, made
a purple baby (what Larry calls a meatball) and stuck it in the clear
balloon, then made a dog out of the clear balloon, and a rather well
endowed male dog from the rest of the purple balloon :-)   Literally 45
seconds after his first puff, this guy was holding up two animals and
announced "Here's a pregnant dog... and here's the one that did it!"
        A bunch of friends and I are Sunday night regulars at this place,
and I often make balloon animals for the band members to take home to
their kids (on condition that they sing a song mentioning each
animal/thing I make in return :-). Larry's train was a big hit with
them, and in return they treated us to Johnny Cash's old hit "I hear
that train a'commin', it's rolling 'round the bend..."
        Last week one of the band members gave me the best compliment ever
when he told me of a conversation he had with his son in a mall where
they saw a guy making balloons. When the dad asked his son if he wanted
one, the son replied "No, those aren't anywhere near as good as the ones
you bring home." It just made me feel warm and fuzzy all over   :-) :-)
        I really enjoy doing requests for people, and often bring my balloons
with me when I have to go to social gatherings where I don't know many
people - they are a real ice breaker - everyone's your friend if you can
make balloon animals :-)   :-)

Well anyway, I downloaded all the past messages, and in the course of
several nights I read through them all, deleting the chaff, uh, I mean
talc, and keeping the er, uh, latex... so to say. So I ended up with
this 250k file and felt bad that I learned all this neat stuff without
giving anything in return... so I did a little cut and paste work and
updated your FAQ for you. It still needs some work, but it's a start.
Hope you guys can use it. I'll be talking to ya soon!

Mark

Oh, wait - I do have one request - How are those T. Meyers workshops?
When and where and how much $ are they? Is there a schedule? Any near IL?

Also, please post any good and bad review of balloon books/pamphlets that
you may have. The T. Meyers catalog lists so many... and I'm just a poor
student!

****************************UPDATED FAQ 3/26/95**************************

This document provides general information about the balloon sculpting
mailing list, along with some frequently asked questions about the list.

This is an unmoderated list. Anyone is welcome to join. At the current
time this is a rather small list. Due to the small number of people on
the list, it is not unusual for it to be quiet for long periods of time.
Please, don't let that stop you from asking questions or bringing up
ideas when you first join the list. The list consists of people at many
levels, so there is likely to be someone that can answer your questions
or benefit from your suggestions. You may wish to introduce yourself to
the list to let us all know what level you're at and any other
interesting facts there are to know about you.

This introduction is not in any way complete. I used to say that I
planned on finishing it some time, but the fact is that maintaining this
document properly would be an ongoing task that I really don't have the
time for. (When I have free time I'd rather draw up pictures of new
balloon creations than work more on this document.) Stuff discussed in
recent months has not made it in here. This should at least be enough to
get you started and give you a feel for the list.

The following information was compiled mostly from old mail by Wayne
Lampel (waynel@microsoft.com). Some additions and a few changes were
made by Larry Moss (moss@cvs.rochester.edu). Updated by M. Balzer 3/26/95.

****

General info about the list:

address for the list: balloon@cvs.rochester.edu
address for questions/problems related to the list (including
        subscribing/unsubscribing): balloon-request@cvs.rochester.edu
address for comments regarding this document should go to
        moss@cvs.rochester.edu.
all mail to the list is archived and available for ftp on
        cvs.rochester.edu in pub/balloon.
the archive is also available on WWW at:
        http://www.dcs.hull.ac.uk/Hull/dcs/people/bp/balloons.html
          and
        file://ent.rochester.edu/pub/balloon/balloon.html
        (the html page on ent.rochester.edu will be the one kept most
        up to date. This should go into effect soon.)

There will soon be a list of balloon sculptors on the net (and others,
perhaps) with contact information that will be available from the above
archive. Among other things this should allow you to locate other
balloon sculptors in your area. while more pictures of balloon work are
becoming avilable on teh archive, it's always easiest to share ideas when
you can actually see someone making a sculpture. Collection of this
information is not automated at this time, so if you'd like to be on this
list send information about yourself to moss@cvs.rochester.edu. (Feel
free to leave off anything that you dont' feel comfortable sharing. It
woudl be nice if you would at least send your name so we can keep track
of who's on the list, but even that's up to you.)

What we want:
        Full name, postal address, phone (day, evening, or both), e-mail
address, URL (if you have one and know what it is), any other relevant
information that will fit in a few short lines.

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****************************
Buying balloons
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                         WARNING!!!
              DO NOT GIVE BALLOONS TO YOUNG CHILDREN!!!
              CHILDREN MAY SUFFOCATE IF THEY SWALLOW THEM!!!
```

The most talked about source of balloons on this list in the U.S. is

```
    T. Meyers Magic.
    1509 Parker Bend
    Austin, Texas 78734
    (512) 263-9742
    (800) 648-6221 for orders
```

They seem to have just about the best prices and most complete collection
of balloons and balloon related materials. They are also extremely
helpful and nice people to deal with. If you have a serious interest in
balloons, you will probably enjoy just being on their mailing list.
  If you don't have one of their catalogs, do yourself a favor and call
them for a free catalog. It will probably come with a free copy
of their news letter "True Inflations".

If you want to buy in wholesale quantities call

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    Pioneer Balloon
    555 N. Woodlawn
    Wichita, Kansas
    67208-3682
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    316.685.2266 is their main number
    800.999.5644 is the number to call to get a dealer referral.
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They're the folks that make the best balloons around. They should be
able to send you to a distributor in your area.

In Europe:

Pioneer Ltd (0279) 501 090 ask for Debbie or Rozane and they will tell
you the nearest distributor. Pioneer is situated at Bishop's Stortford
near London.


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****************************
Books
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As you might well imagine, there are many differing opinions on the many
balloon books available. Here are a few blurbs posted by various people.

Aaron Hsu-Flanders, Balloon Animals
                    More Balloon Animals
                    Balloon Cartoons
                    Balloon Hats & Accessories
        These books are full of pictures for every bubble and bend that needs
        to be made to create some really nice looking balloon sculptures.
        I have seen many books on balloon animals and I think these are the
        best so far.

Aaron Hsu-Flanders, Balloon Animals
                    More Balloon Animals
                    Balloon Cartoons
                    Balloon Hats & Accessories
        Each sculpture seems to build on previous sculptures. So why
        does he feel it's necessary to show detailed pictures of every
        step of every figure? While a lot of the material is good and
        helpful, it seems that a lot of pages are filled with duplicated
        information. If you strip out a lot of the repeated stuff you
        jsut end up with another pamphlet sized book. Now, that said,
        there is good stuff in them, so I really shouldnt' be putting
        them down, I just wish he had cut out some of the unneeded stuff
        and put all the material in his various books together into a
        real nice collection. My personal peeve with him is his dinosaur
        on p63 of More Balloon Animals. It needs an ear twist at the base
        of the tail to properly orient the tail, but instead of using one,
        sneaky Aaron holds the animal in a special way which orients the
        tail for the picture, realizing that it will never look that way
        without his hand there. Nevertheless, there are some good tricks
        to be learned from this series which can be found at most libraries
        and book stores.

Don Burda, Homer's Rubber Bubbles
        This book contains pretty good descriptions of some of the basic
        sculptures. It contains 86 pages with about 45 sculptures. There
        are several drawings for each figure in various stages of completion.

Marvin Hardy, Balloon Magic, 1987 The book is about $14. It's almost 200
        pages of instructions and photographs. It covers a very large
        variety of sculptures (65 figures total) from the basic four-
        legged animal to more advanced things like a motorcycle with a
        kickstand. I find photographs of balloons harder to follow than
        drawings, but I know many people prefer it the other way.
        Anyway, if you're looking for a general collection of 1-balloon
        animals, I suggest getting a look at this book. Many of the
        things in it are fairly standard, but I found enough ideas in it
        that were new to me to justify buying it. The only real problem
        I have with it is that it's hard bound. It certainly makes the
        book stronger and likely to last longer, but I think I'd prefer a
        spiral binding so I could leave the book open as I learn
        something new.

Ralph Dewey, lots of titles His books are really only pamphlets and
        rather expensive for their size, but he has some of the most
        creative sculptures I've ever seen. If you can afford a few of
        them, they're rea worth having. What I said about Aaron
        Hsu-Flanders holds here too. I wish Dewey would put together a
        large collection of all his stuff. I have a few of his books
        already, but I'd buy a large collection of his stuff in an
        instant if it became available.

The books I highly recommend (available from T. Meyers) are:
Cartoon Balloon #1,2,&3 by Capt. Visual.
Awesome Balloons By Flash, by Ken Stillman.
These are not for mass ballooning. They are GREAT for the birthday child, or
for restaurant work - they are major tip getters. These books have the little
mermaid, Daffy Duck, Tweety Bird, Roger Rabbit, Pluto, Opus, The Blue Genie,
etc. Once you learn these forms you can take off on your own and create the
coyote, roadrunner, awesome reindeer, Odie, Clifford, etc.

Great Balloons - The Complete Book of Balloon Sculpting
written by Jean Merlin
published by Kaufman and Greenberg
written in 1986, revised in 1993, translated to English in 1994
Full size, hard cover, perfect bound, 120 pages
about $35

        Aside from having no page numbers, which makes it slightly
challenging to find the stuff in the rather complete table of contents,
_Great_Balloons_ is actually the best book on balloon sculpting I've seen.
Before now, most of the books available on balloon modeling were only
slightly larger than pamphlets, contained shoddy drawings, and per useful
bit of information, were far more expensive than this one. There is very
little text throughout the book. The reader is expected to follow a
series of numbered pictures. Some pages contain multiple models. It
wasn't always obvious when glancing back at one of these pages which step
3 I should be looking at. This was never more than a momentary problem,
The pictures are clear and, based on what I've done so far, fairly
accurate. The book starts with the
simple stuff that everyone learns to do in the beginning, but quickly
progresses to stuff that I imagine would only be of interest to
experienced sculptors. Most balloon sculptors are perfectly happy with
simple creations. Merlin tends toward realistic looking figures. He
says that he doesn't care what it takes to make an animal look
realistic. He'll draw on them or use stickers to create faces. He'll
use the proper colors whenever possible, and he'll use as many balloons
as he feels necessary.
   What little text exists is written with a magician in mind, with a tone
that almost says, "no one twists balloons without intending to use them as
a selling point in an act, so here's how to do it." The hobbiest isn't
even considered. With that in mind, if you are a performer you're likely
to get more out of it than a non performer. I thought one of the best
sections in the book was the discussion of using multiple balloons of
different sizes and shapes to create things that can be seen on stage and
yet simple enough to not bore an audience while the twisting is done.
I counted 83 figures in the book. Most are based on a few basic categories
of animals, ie the dog and related figures, the basic bird and figures
related to that. Thankfully, when a sculpture is only a few steps off
from one that was already described, the instructions refer to the
earlier pages. There are quite a few variations on basic shapes that I
had never seen or thought of before. I found the selection of things
placed in the book to be very good.
   In addition to examples of balloon modeling, the book offers some advice
on storing balloons, safety, tying knots, the use of varying colors while
sculpting, and even building foot switches to control your sound system.
I thought some of that would have been better left out, most notably the
section on using colors. He states as fact that certain colors will
break when making certain figures. I've found the manufacturer of the
balloons to be a much more important thing to consider than the color of
the balloon.
   Overall, I highly recommend the book to serious balloon twisters. But if
you're just getting started or you like just fooling around with balloons
occasionally this probably isn't the book for you.

Jimmy Davis - One Balloon Zoo, 1966 - Basic animals presented with clear
explanations and excellent pictures. A couple of pages of general advice
and banter

George Schindler - Basic Balloon Sculpture, 1983 - Beginning instruction
in simple animals - 2 good pages of face/eye/detail ideas for highlighting

your animals with markers, nice balloon-fruit-in-a-basket idea. Bibliography.

Kay Watts, Balloon Sculpture.- This is a lousy book except for page 8 where
they give 16 sets of eyes/faces for marking up your animals and a few lines
to use when your balloon pops. Bibliography.

Bruce Fife - Dr. Dropo's Balloon Sculpturing for Beginners. Beginner book
with hilarious text - Fun to read with nice illustrations and literally
a joke every few paragraphs.

T. Meyers workshops are also great places to learn about balloon sculpting.


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*****************************
Some sculptures in messages
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Title - (Author, Subject, Date, Time)

Airplane - (Larry Moss, airplane, 09/18/92, 14:43:45)
Bat - (Larry Moss, bat, 10/05/92, 21:33:48)
Bear - (James Batten, Re: Freezing balloons to preserve them, 02/04/92,
09:43:22)
Bike - (Larry Moss, bike and car, 1/20/94 15:46:02)
Bird in a gilded cage - (Larry Moss, Bird in a gilded cage (text),
01/08/93, 22:37:02)
Brontosaurus - (Larry Moss, Re: Storage - and show, 3/7/94)
Butterfly - (James Batten, the butterfly, 06/02/92, 09:09:17)
Car - (Larry Moss, bike and car, 1/20/94 15:46:02)
Christmas Tree - (Larry Moss, Trees and other holiday gooddies, 12/22/92
14:09:27)
Christmas Tree - (Larry Moss, holiday sculptures (Christmas tree), 12/7/94
13:51:30)
Daffy Duck - (Larry Moss, Daffy Duck 8/29/94 11:45:46)
Dinosaur, T-rex - (Chris Pugmire, space man, 11/08/93, 15:53:00)
Dreydel - (Larry Moss, Trees and other holiday gooddies, 12/22/92
14:09:27)
Dreydel - (Larry Moss, dreydel 11/28/94 11:23:08)
Flower, multi-balloon - (James Batten, the flower, 02/06/92, 13:59:32)
Goofy - (Larry Moss, goofy, 04/29/92, 18:01:18)
Groucho Marx - (Larry Moss, balloon caricatures, Groucho Marx and
balloon news 2/5/94)
Hat, monkey - (James Batten, hats, 06/01/92, 11:41:50)
Hat, parrot, shark - (Todd A Neufeld, Buffett Balloons 6/11/94 23:29:14)
Kangaroo - (Larry Moss, kangaroo, 02/06/92, 18:37:28)
Lady Bug Bracelet - (Raymond Bowers, Introduction, 9/15/94 14:46:00)
Lion - (Aaron Fasel, Re: Baby Simba Balloon11/1/94 12:45:38)
Motorcycle - (Larry Moss, Re: Motorcycle Balloon - Help!, 9/27/93
17:46:09)
Octopus - (Larry Moss, Juggling convention, ostrich, octopus, 07/27/92,
22:44:13)
Ostrich - (Larry Moss, Juggling convention, ostrich, octopus, 07/27/92,
22:44:13)
Power Ranger - (Clyde & Arlene Powers, Retry Power Ranger 1/30//95 23:10:04)
Rabbit - (Jim Batten, Re: caricatures 2/6/94 22:12:21)
Rabbit - (Steve Hattan, Sculptures, 4/25/94 16:27:02)
Reindeer - (Larry Moss, reindeer , 12/15/92, 22:27:52)
Rhino - (Larry Moss, pins, rhinos, pops 10/2094 18:15:23)
Santa - (Larry Moss, Santa, 12/15/92, 22:28:50)
Scorpion - (Larry Moss, 9/7/94 15:38:20)
Snoopy on a motorcycle - (Larry Moss, Re: Motorcycle Balloon - Help!,
09/27/93, 17:46:09)

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Snowman - (James Batten, snowman, 06/09/92, 11:31:24)
Spaceman - (Chris Pugmire, space man, 11/08/93, 15:53:00)
Spaceman, additional info - (Larry Moss, Re: space man., 11/08/93, 17:04:00)
Starship Enterprise - (Larry Moss, enterprise and triceratops,
02/13/92, 16:24:50)
Stegasaurus - (Larry Moss, Re: Storage - and show, 3/7/94)
Sword - (James Batten, Re: Freezing balloons to preserve them,
02/04/92, 09:43:22)
Tiger - (Jim Batten, Re: busking, summer tip, seals, 6/11/94)
Train - (Larry Moss, choo choo train, 05/17/92, 14:23:15)
Triceratops - (Ian Osborne, Tricerotops, 1/17/95 22:19:52 )
William Tell routine - (Larry Moss, NABA and routines again, 06/12/92,
22:29:24)
Witch's hat - (Larry Moss, Re: Halloween Balloons, 10/03/92, 17:43:48)
Woman with baby - (Chris Pugmire, space man, 11/08/93, 15:53:00)
X-rated balloons - (J.J. Smith, adult models, 2/17/95)

****************************
Terms and Techniques
****************************


Balloon types
-------------
130
250D
260Q
260A
260E
280D
Q               made by Qualatex.
A-E             made by Ashland?  A's are the thinnest.  E's the thickest.

Rather than describing each type of balloon, here's a quick explanation.
Long skinny balloons are identified by a two part number.  The first
digit is the diameter of a fully inflated balloon (in inches).  The next
two digits refer to the lenght of the balloon fully inflated (also in
inches).  A 260 is two inches wide and 60 inches long when fully
inflated.  Well, this is what it should be, but in actuality you'll
notice a large variation in this.  Even within the same package you'll
find that differnet colors inflate to different sizes.  A letter
usually follows the number on these balloons.  It differs according to
the manufacturer of the balloons.  Some manufacturers use this as to
describe how think the balloon is (as an indicator of strength and
difficulty to blow up).
130' and 280's are available from T. Meyers.  Tilly, makes both.
There have been some differences of opinion on these:
"Tilly 130 balloons:  These are great!  Teeny tiny little balloon animals!"
"The 130's aren't the sort of balloon I expect to use a lot.  They're not
easy to blow up, but it can be done without pain."
"I got some Tilly 130's this weekend.  I REALLY like the 130s.  I have not
had any trouble blowing them up."
"The Tilly are not Qualatex quality. You can feel the difference."
"I like the "feel" of the Tilly rubber, too."
Twisting them takes absolutely no effort.  You can almost treat them
as short pieces of rope.  They're great for adding details to larger
sculptures.  Possibilities are blindfolds on ninja turtles, small flowers
on hats, lassos in a cowboy's hand.  I also like using them on costumes
when I make them. Jewelery is a nice touch.

Heart
These inflate into the shape of a heart.  Very handy for some types of
```

sculptures. Qualatex makes two sizes, but I dont' remember what they are.

Round
Your standard "party" balloons. They are identified by a single number
that refers to their diameter. I don't use these enough to know more
about the different kinds.

GEO (donuts)
Made by Qualatex. Inflate to look like donuts.

Spinner - <description here>
Airship - <description here>

Bee Body
These balloons are small and roundish with a narrow point on them that
forms sort of a stinger.

QUALATEX
========
Most of us are probably familiar with Qualatex balloons. The company
which makes them is Pioneer Balloon. It turns out that they do not
sell to the public, nor to anyone who has less than about $1,000 to spend.
Instead, they refer you to a qualified dealer. In addition to making
and selling quality balloons, they have a support network for balloon
designers. Alas, they mean caterers and those other round-balloon
people.

    Pioneer Balloon
    555 N. Woodlawn
    Wichita, Kansas
    67208-3682

    316.685.2266 is their main number, I believe
    800.999.5644 is the number to call to get a dealer referral.

My Qualatex distributor would be Lippman Co. in Portland, OR. Their
prices, per gross, are:

    260Q assorted colors $5.75
    260Q one color only   5.75 <= no difference for all one color!
    260Q jewel tone   6.25

No bulk discounts.

TILLY
=====
Tilly balloons are the work of TILCO International, supposedly the
oldest balloon company. They, also, don't really sell direct. Call
for a distributor near you! My *distributor* is Windy Balloon Company,
and they sent me a price list with the TILCO International name on it.
The Tilco catalog is focused on round balloons, and it was
only through careful inspection that I found some twisting balloons.
They must make more than I found, because T.Meyers sells a wider
variety than is shown in the Tilco catalog!

    Windy Balloon Corp.
    106 West Gardena Blvd
    Gardena, CA 90248

```
   800.421.1980 for orders
   310.532.5328 Fax
```

Tilco prices, per gross:

```
   260T                        $5.50
   360T                         6.50
```

No mention of bulk discounts.

SUPERIOR
========
"Manufacturing Since 1957." The superior catalog actually has the
twisty balloons prominently displayed! They also have magician's
clear balloons for $6.07 a dozen. The "Knobby" balloon is a
"Superior Specialty" - I don't know what it is, exactly, but it
sounds like fun.

```
   Superior Balloon Company
   20923 John R. Road
   Hazel Park, MI  48030

   800.323.0405 Orders Only
   810.543.2234 Phone
   810.543.1593 Fax
```

These balloons come in an assortment, or your choice of nifty colors.
Superior Prices, per gross:

```
   220S                        $2.65
   260S                         5.26
   321S Bee Body                6.10
   330S                         5.50
   340S Knobby                  8.41
   615S Doll (?)                5.61
```


PRESTIGE
========
Prestige Balloons are made by somebody or 'nother... the catalog I
have has the name of the Windy Balloon Corporation. Prestige is
a round-balloon company at heart. Their price list mentions only
the lowly 260, and no others. The do have bulk discounts, though!

   See TILLY, above, for the Windy information.

Prices per gross:

```
   260P @ 1 gross                  $5.76
       @ 9 gross? ("split case")    4.80
       @ 18 gross? ("full case")    4.00
```

They also have a new size that you
may find interesting: 360s. If you like airships but don't find them
long enough, these should do it for you. I talked to Jim at T. Meyers
Magic when I ordered the stuff. He said he likes the Prestige balloons.
For the last week or so I've been playing with Prestige balloons
Here's the good news:

They're slightly longer than 260Qs. This makes them great to use for

hats. Recently I've been finding that the qualatex balloons haven't been
long enough for some of what I want to do with them. I don't know if
this is because of a change in the balloons or a change in what I'm
doing. Whatever teh reason, I like the extra couple of inches I get with
the 260Ps.
They're more consistent throughout the package. All the qualatex
packages I've had in recent months consisted of black balloons that were
hard to blow up, clear balloons that were very thin and blew up thicker
than the others, etc. Each color seemed to feel different to twist.
That doesn't seem to be a problem with prestige.
They inflate straighter.
They sqeak a lot less.
They're a bit cheaper.
360s are a great size that qualatex doesn't make. I haven't come up with
anything that really needs to be made with a 360. But they're fun to
work with.
The bad news:

They're harder to blow up by mouth.
The powder inside them clumps in the cold.
I think I've been popping more of the prestiges when making complex stuff.
Since I like the feel of them better I haven't decided if it's my fault or
the balloons' fault that they're popping.

T.Meyers
========
T.Meyers has the best selection that I have found.
T.Meyers sells balloons, balloon twisting books, and a smattering of
magical props. They are your friends. They have a wide array of
pumps and pump supplies, balloon aprons, some stickers, and so forth.
Get their catalog, it is fun.

    T.Meyers Magic Inc.
    1509 Parker Bend
    Austin, TX 78734

    512.263.2375 for Information
    800.648.6221 Orders only

Prices, from Price list #94, as of 8/1/94, per gross:

    Qualatex

    260Q @ 1g assorted colors $6.00
         @ 10g   5.40
         @ 48g   4.95

         @ 1g   single color $7.00
         @ 10g   6.30
         @ 48g   5.95

    321Q Bee Body @ 1g $6.25
                  @10g   5.60

    Prestige

    260P @ 1g $5.90
         @ 10g   5.30

    360P @ 1g $8.50

```
        @ 10g                      8.00

   Tilly
   -----
   320T @ 1g  assorted colors $6.00
        @ 10g                      5.40

        @ 1g   single color   $6.00
                                    5.40

   130T @ 1g                  $5.75
        @ 10g                      6.25

   245T @ 1g                  $5.75
        @ 10g                      5.25

   260T @ 1g                  $5.75
        @ 10g                      5.25

   280T @ 1g                  $6.50
        @ 10g                      6.00

   340T @ 1g                  $10.00
        @ 10g                       9.00

   344T @ 1g                  $9.70
        @ 10g                      8.75

   Superior
   --------
   312S @ 1g                  $3.50
        @ 10g                      3.15

   315S @ 1g                  $4.50
        @ 10g                      4.05

   330S @ 1g                  $7.25
        @ 10g                      6.75

   418S @ 1g                  $6.25
        @ 10g                      5.75

   524S @ 1g                  $9.70
        @ 10g                      8.75
```

T.Meyers also has needle-through balloon balloons, yo-yo balloons
(YoBalls), rocket balloons (great fun!), and flying saucer balloons.

U.S. Balloon, in Brooklyn,NY
=============================
Their prices are good, but you need a tax id to buy from them.
They only sell wholesale.

Prices of 260Qs from US Balloon:
Asst $5.19   qty: 3gr
      $4.70 qty: 36gr

solid colors
jewel $5.89 qty: 3gr
      $5.34 qty: 36gr

```
other $5.19   qty: 3gr
      $4.70   qty: 36gr
```

Chazpro Family Fun Shop
=======================
They sell mostly magic, but they do sell balloons too.
They do mail order,

```
    Chazpro
    603 E. 13
    Eugene, OR   97402

    503.345.0032
```

Their prices, from memory, are:

```
    260Q @ 1g                 $5.75
         @ 10g                 5.25
```

As far as I can tell, the only other company around that sells balloons
worth looking into is Gayla. I was given a bunch of them to try out.
The colors were great, the balloons weren't bad, and the price was better
than Qualatex, but they still weren't as good as Qualatex. I actually
would have given them another try but the folks I buy balloons from said
they were having too many problems with them and stopped carrying them.

Does stretching the balloon help?

In my opinion, no. All that stretching them really does is weaken them
in some areas. This is useful if you want to fill it a little
differently, like with a bulge in the middle, but that's about it. The
more they are stretched or weakened, the sooner they'll pop.

Blowing up a balloon

There are balloon pumps that make this somewhat easier. If you're
interest in balloon sculpting is just as a hobby, a pump can be a great
asset, however I strongly urge anyone who plans to use balloons in an act
to learn to blow them up with their mouths. It looks much more impressive
than using a pump and means one less item to carry to shows. That
doesn't mean that if you're twisting balloons for an audience you should
avoid pumps. If you're inflating more than a few balloons a pump can be
a very handy tool.

When you first get started you will probably be tempted to stretch the
balloon. You may find that it helps some, but more likely, you'll just
change the shape of the balloon and possibly weaken it enough to pop when
you start twisting. The best way to fill the balloon is with one large
breath without pausing. The fewer breaths it takes to inflate the
balloon, the smoother the balloon will look and the easier it will be to
work with. Unfortunately most people can't do that. Hold the nozzle of
the balloon in your mouth and pinch the balloon about one inch away from
the nozzle.

Blow into this small section of the balloon and try to form a bubble.
While blowing, stretch the section of balloon you are holding a small
amount. It's much easier to fill the rest of the balloon if you have a
small bubble to get you started. After forming this small bubble, pinch

the nozzle closed so no air comes out, and take a deep breath. Now, if
possible, with one breath, fill the balloon. Use stomach muscles and not
cheek muscles. Puffing up your cheeks and blowing from your head will
only succeed in making you dizzy and possibly hurting your eyes and
ears.

The idea is to blow through the small opening you form with your mouth
around the balloon. One common mistake is to blow hard while letting the
cheeks fill with air. Doing so will only build pressure in your mouth.
Also, remember to breath through your nose. Blowing into the balloon
isn't a good reason to forget about breathing, and hyperventilating isn't
the best way to be reminded.

If you find that it hurts to blow up the balloon you are probably blowing
too hard. Relax and blow a bit softer. If you really can't get the hang
of it now, use a pump and try to blow it up with your mouth later. It
isn't worth hurting yourself. The fun part is twisting anyway.

It does take some practice to get it down so you don't pass out.
The most important point is that you push the air out of your lungs
with your diaphragm, through your mouth and into the balloon. Your
cheeks should never puff out; if they do, they will surely be sore!
If you feel like you're blowing too hard, you are. Relax. It
takes a lot less effort than you realize. Sometimes just blowing more
gently is all it will take to fill the balloon.

Not blowing into the balloon is the most commond mistake, blowing
very hard will tend to close the balloon opening and result in your
cheeks exploding before the baloon goes up. It's learning how to
focus your breath into the balloon that will suddenly make it easy.

A hint I found for blowing up balloons easier is to:
    1. Pull on the balloon slightly
    2. Start blowing, not too hard, but firmly
    3. Slowly release the pull on the balloon - at some point a
        bubble will appear, and the rest is easy!

That said, the best way is to work up. If you can find some
Ashland 2-60As, they're relatively easy to inflate. About
1/3 to 1/2 of the people who try can blow them up in their
first session; most of the rest can master it the next day.
Practice with them a while. You can blow good balloons and
have fun, but they'll pop more easily than heavier balloons.
Once you're comfortable with them (e.g., can blow them up
in one breath), then try getting some Ashland 2-60Es or
Quaalatex 2-60Qs. They're heavier and will take more abuse
while twisting, but are harder to blow up.

If you blow them up by mouth, you earn a certain amount of respect from
fellow adults when THEY try to inflate one.
There is only one issue of concern for those who receive balloons from
people who inflate the balloons by mouth and that is germs.
While they are impressed that you can inflate the balloons, they also
are not happy to see their child sucking on the balloon in the same
place you just had you mouth! In fact I know of one balloon worker
who was inflating by mouth and got sued. One kid who received an animal
later came down with pneumonia.

Blowing up a balloon backwards

(Filling it up at the tail (nipple) and ending at the nozzle.)

This is useful for a sculpture like an elephant where you want a long thin
trunk and a thin tail or if you're going to be making a lot of twists and
you need room for the balloon to expand on each end. There are several
ways you can do it.
1. Stretch the balloon as much as you can while inflating. That is hold
the nipple of the balloon in an outstretched hand whiel blowing into the
nozzle. This is sort of difficult to get the hang of and it's a lot
harder to get air into the balloon.
2. Stretch only the nipple end of the balloon a little before inflating.
By stretching one spot on teh balloon you're weakening it at that point.
That spot will naturally get inflated first since the air will be
stretching some latex that's already been stretched. Once a bubble is
started it will continue to fill from that spot.
3. Wrap your fingers loosely around the balloon leaving only the tail
free.
A combination of 2 and 3 allows you to get the most control over how
the balloon gets filled.

The Flash Inflate method:

   Last week while on a business trip I met up with a bunch of magicians for
dinner and we all decided to make balloons for the waitress since it was her
last night. I thought I saw someone blow a balloon real fast and asked him
about it. He of course denied it, but knew of the technique. Seems it was
developed in Japan since they don't like to stick things into their mouths.
While trying to explain it to the rest of the group I attempted to demonstrate.
ONE SMALL PUFF and the entire balloon was inflated. To say it was fast is a bad
understatement.. It was as close to magic as ballooning can get. It was just
there!
  One warning, this did hurt my cheeks the first few times when learning.
I have a hard time controlling how much I inflate so I limit this to making
monkeys and swords.
  Whatcha do is.. stretch the balloon REAL good, then litteraly use both hands
to pull the mouth of the balloon open. It doesn't spread all that far, but
you have to stretch it open as far as it will go. Now you have to pretend like
you are going to play the trumpet (or blow a pea shooter), purse your lips and
use the tip of your tongue to plug it. Build up pressure behind the tongue
then snap the tongue back so the pressure can escape. (of course you have
to be holding the mouth of the balloon to your mouth at this particular time)
If it works you don't see the balloon inflate... it just IS inflated. It makes
a neet wooshing sound.. adds to the over all effect.
  One gotcha I found is it only works on never before inflated balloons. I've
tried inflating balloons, letting the air out and trying again just for practice
but it just won't inflate properly the second time.

Balloon Pumps

Pumps allow you to keep talking while the balloons are being inflated.

The Qualatex AirInflator - $4 from T. Myers Magic. It fills a 260 in
about 4-5 strokes, since it works on both the in & out motions. It is
about 2.25" in diameter and about 13" long, so it is easy to carry and
you can tuck under your arm or between my knees, or drop it to the ground
if you need to while you twist. I am very happy with it.
HOWEVER, it has a weak point where the "head" attatches to the
"body". The head is removable from the pump shaft; it is held in by a
few small tabs of plastic wheich broke after a few months of fairly
light use. I used a large dose of Duco Plastic Weld and attatched it
permamently, and it is holding up fine so far.

T. Myers Magic sells several different pumps starting from the little
TINY blue squeeze pump (many, many squeezes needed), to the pumps which
inflate on both push AND pull of handle, though it still takes a few strokes,
(but is good if you are walking around) all the way up to their 'Pump 1'.

Euro Pump: For $6 I thought I'd give it a try. It's small, and easy
to pack. It does appear to be built of tougher stuff than the other
double-action pumps I've seen.

Pump O - this is what I use and I really like it. The materials used on
this aren't as strong as Pump 1, but otherwise they should be about the
same. If you've used the old version of this I can only say this is
better. I got mine about a year ago. I think it was only a short time
before that they improved it. A fair amount of my performing income is
from balloons and I haven't found the need to upgrade to a "Rolls Royce"
yet. $65.

Pump 1 - called "the Rolls Royce of balloon pumps" in the catalog. It's
priced that way too. $138. It will probably last you the rest of your
life and then some. Will fill a 280 in a single stroke. It's probably about
3 feet tall and 6 inches in diameter. Not a small thing to lug around.
that inflates on either stroke, up or down, and will completely
fill a 260 in less than one full stroke. Good if you are going to be
stationary such as at a mall where you are set up to have people come
to you. It is also large enough that you can pull the sections apart
and stuff a large supply of balloons inside for compact travel.

The last one mentioned was the Pogo Pump, now called Pogo 2. Pogo 1 had
to be discontinued due to problems getting parts. $60.

Compressed air

Get an old Electrolux cleaner, clean the guts out of it, place a funnel
on the exhaust end of it and place the mouth of the balloon over the funnel.
This will blow them up readily. Unfortunately, power is not available
everywhere you perform. (but you can inflate the balloons before the show.)
Also, a tank of compressed air with a regulator works great.

Helium

Balloons and helium are not
good bed partners, period.   Helium is a tiny, monoatomic molecule.
In a short space of time, through osmosis, the helium will leave the
balloon and then the balloon will stop floating and go for ground zero.
Depending on the thickness of the balloon all, this might last anywhere
from 45 minutes or several hours. Mylar constructed balloons are more
stable as far as remaining up in the air for a period of time. There
is a liquid on the market that you can squirt into the balloon prior to
inflating with Helium, and the balloon will last up to a week rather
than the traditional 16 hours. Check with your local balloon delivery
shop for what they are using, since there is more than one brand available.

Is blowing baloons up damaging to your health?

I don't think it's a problem at all for the lungs, but it can be a problem
for the eyes and ears if you're not careful. If you blow too hard (the
most obvious sign is puffing up your cheeks) you build pressure inside
your head. That pressure can do serious damage to your eyes and can at
least cause temporary pain in your ears (I don't know how serious that
can be for your ears). You also don't want to forget to breathe with

your nose while blowing - the talc inside the balloons IS bad for you.

Balloon care

Does freezing the balloons really preserve them?
          It seems to have worked well for my balloons. Mine are > 5 years old,
          kept for almost all of that time in a freezer. They seem just fine.
          I do not thaw and refreeze them much though - that may make a lot of
          difference. They are also 260Es (double dipped) rather than 260As
          (single dipped), which might make a lot of difference, too.

          A coat pocket seems likely to flex them a lot while they are cold.
          This is definitely bad for them.
          Ziplock bags are pretty good for storing balloons.

If you take a work apron (the kind that only
tie around the waist) and double the bottom up you get a large pocket by
sewing the edges up. You can also run a few extra rows of stitches on up to
create extra pockets..
I bought 2 canvas "nail" aprons at a hardware store $2 a piece and cut
the straps off of one and sewed it on to the bottom of the other.
Each apron came normally with two wide pockets. I sewed a new seam up the
middle of each and got 8 pockets about 3 inches wide. I worked great.
Stuffed each different color into a pocket. I had 10 colors but I found
that the colors were not evenly distributed in the bag (lot's of purples,
not many blacks) so I combined some balloons where it would be easy to
identify them (black with white, green with lt. blue).

History of Balloons

There seems to be more information around about the history of
balloon sculpting than about the balloon itself. Balloon sculpting
has only been around for a few decades so there are still plenty of
people around that remember its evolution.

Here's the little bit that I do know. At least I consider it to be the
real evolution of the balloon. Some others may disagree since what we
currently think of as a balloon is the latex or mylar varieties and this
is, well, a bit different. You can find mention in fairly old books of
toys made out of water filled animal bladders. Bladders apparently expand
quite a bit (I haven't tried.) Unfortunately I can't give you names of
these books since that's about all I've been told by the various
librarians I talked to. I went looking for references like this, but
these weren't in history books and I have no idea where to start. As far
as more modern books, there is a reference to a ball of this type in one
of the Little House on the Prairie books. I think it was "Little House
in the Big Woods". It's near the beginning of it. If you really want to
do the research I suggest you look through literature written during the
Renaissance in Europe. An old issue of True Inflations said something
about latex balloons at, I believe, a worlds fair. Merlin has found
references indicating that balloon sculpting dates back at least as far
as the Aztecs.

Types of twists
===============

Apple twist

This can be done with any balloon, but if you do it with a small, round
balloon you can actually form something that looks like an apple. This

can be great for a William Tell routine. I'll try to describe it on a
small balloon first. Blow up the balloon part way and tie it off. Push
the nozzle end into the balloon with one finger until it is inside the
tail of the balloon. With the other hand grab the tail far enough in to
grab the nozzle also and give it a few twists. this should stay on it's
own. You should now have something that basically forms the shape of an
apple with a stem sticking up.

This twist has a lot of uses aside from just making apples. In any long
thin balloon you can push the nozzle in and form a bubble with the nozzle
being further into the balloon than the twist. When you release this it
should stay in the balloon without any other locking twists.

Basic pinch and twist
----

forming an animal amounts to making bubbles of various sizes and then
twisting them together in different combinations. Forming a bubble is as
simple as pinching the balloon and twisting so that the pinched area
stays pinched without your fingers. Well, this is almost true. The
balloon will untwist unless some kind of locking twist is used to secure
it.

```
              _____  _____
       -(_____)(_____)
                      ^
                      |
             pinch and twist
```
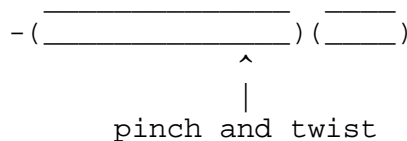
locking twists and the basic four-legged animal - If three bubbles are
made using the method described above, the second two can be twisted and
locked together. The hardest part of this is learning to use all of your
fingers to hold bubbles that you've made until they get "locked".

```
              _____  _____  _____  _____
       --(_____)(_____)(_____)(_____)=
                      1    a   2   b   3   c
```
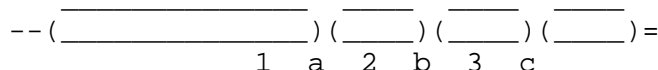
In the above picture, the numbers refer to the twists, the letters refer
to the bubbles. To secure all of these bubbles, fold the balloon at
twist 2 so that 'a' and 'b' sit alongside each other. Now form another
twist combining 1 and 2. This is already the basic head of an animal.
'a' and 'b' are ears. 'c' is a nose.

This same process can be repeated two more times to complete a basic dog
(or whatever you wish to call it). That is, immediately below the head
make three more bubbles and twist the second two together. This forms a
neck and two legs. Now, the same way, form a body and two more legs.
All of the twists in the balloon look like the figure below.

```
           ___  ___  ____  ___  ___    ___  ___  ___
     --()(___)(___)(____)(___)(___)()(___)(___)(___)=
       tail leg  leg  body  leg  leg ^  ear  ear  nose
                                     |
                                   neck
```

```
              ())__
      \     ____  (__)
      ()(_____)()
       ())    ())
```
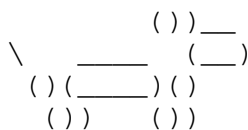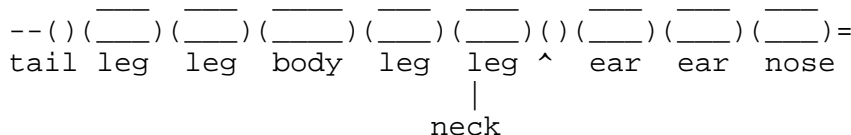
Bird body

Any figure that has wings or arms needs those wings and arms to sit

alongside the body. To form this we will make three bubbles and do the
locking twist above, but make the second two significantly longer than
the first. This will be a head and wings. Make another bubble roughly
the same size as one of the wings and push only that bubble completely
through the wings.

```
        _____  _____  _____  _____   _
    --(_____)(_____)(_____)(_____)(_)=
             1   body 2   wing 3   wing 4
```
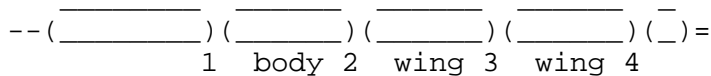
The wings should be twisted together. When the body gets pushed through
them, 1 and 4 will be locked together even though there is no twist
between them.

```
            _
          _(_)_
        /   ^   \
        | w|b|w |
        | i|o|i |
        | n|d|n |
        | g|y|g |
        \__V__/
            ^
          | |
```
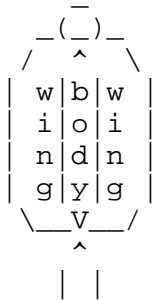
Curly tails

That's where you curl the balloon around your finger and then inflate
(or inflate again like I do cause it's hard work otherwise).

Ear twist

That is, take a bubble and twist the two ends of it together.

```
before: __  ____ __       after:    ___
        __)(____)(__               ( v ) <-- formed with single bubble
          / ^ \
```
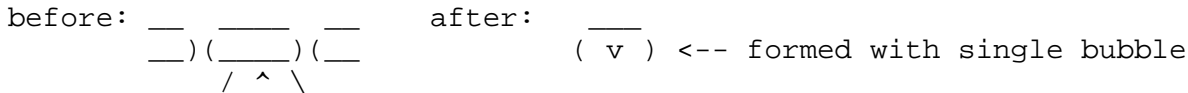
Or, described another way,

```
(    )( )(    )(              )-------
    ^    ^
    a    b
```

form a bubble and then twist its own ends together. ie: points 'a' and 'b'
are twisted together 'folding' over the bubble inside. The size of the bubble
determines what the use is for.
Often, as when making a bear or cat, a one inch bubble is used, by having the
edge that looks like the ear canal poining forward on the head it looks like
a cat, pointing to the sides of the head it looks more like a bear. At least
that's what they say. I always make them point forward, it looks more charming
to me that way.

Meatball <is this the official name?>

Otherwise known as "putting an object or bubble inside a balloon"

I call the bubble inside the balloon a meatball.
You can put an object inside the balloon the same way you put the bubble
in. Instead of twisting the bubble, just push the object you want to use
into the end of the balloon. Grab the object through the balloon as you
do with the meatball. Then break the object free inside and tie the new
end of the balloon. A bubble inside the balloon doesn't always roll very

well. The ball is heavy enough that it rolls through the whole pretzel
shaped balloon very easily. I also like leaving tips inside of balloon
figures when I'm in a restaurant.

I push it as deep as I can into the 260 and then rip off the top and
immediately grab the new 'nipple' and tie it. Sometimes it's really
hard to rip off the top and I am forced to use my teeth.

```
-----------------
                \  --
most of balloon  )(__)  - small bubble
_____/
```
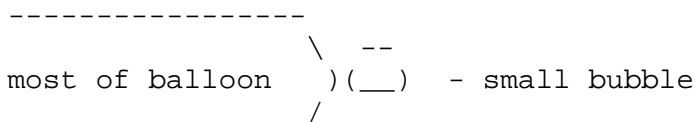
push the small bubble into the big one with your index finger.

```
-----------------
                 -- __)  _____
               (__)__<- (_____  _____
_____)        (___   your hand
                          (___  _____
                           (____/
```

            pinch here

               |
               V
```
-----------------
               --xx __)_____
             (__)x(_____
_____)
```
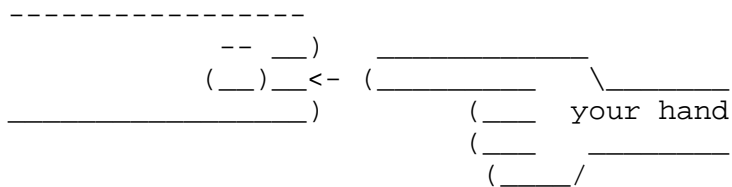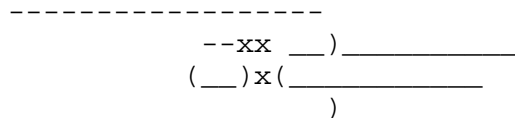
             ^
             |
            and here

Now there is a bubble and your finger inside the large bubble. There is
a second layer of latex around the small bubble. the outer layer is
still connected to the big bubble. with your free hand, pinch the big
bubble where the little one is inside of it and hold that bubble in place.
With the finger nail inside the balloon, break that outer layer. (The
outer layer to be broaken is marked by x's in the above picture).
Breaking it just takes a bit of practice. If you stretch the balloon
that you want to break, by working the bubble further inside the long
bubble with your other hand you should weaken it enough to help break it.

While still pinching the large bubble, work the little one free. Your
finger will still be inside of the balloon.

          pinch here

             |
             V
```
---------\
     __     ----_____
    (__)     (_____
_____/---------
```
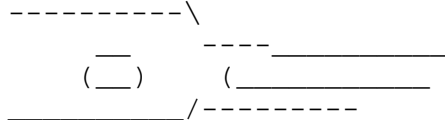
             ^
             |
          and here

since you're pinching the balloon, air shouldn't escape while you get
your finger out. Now just tie the balloon from the end where your finger
came out of.

If you want to put a ball inside, it's the same thing, except that you
don't start with a small bubble. You would just insert the ball where
the small bubble was placed inside.

A hint for tearing off a meatball inside a balloon, which I
discovered by watching Richard Levine here in Eugene:
     1. Make the bubble
     2. Poke it deep into the balloon with one finger
     3. Pull that finger out fast - the balloon will often pop
        due to friction, and the "meatball" is free!
     4. If (3) fails, tear the end off with a *fast* motion,
        which is easier than slow.
     5. Failing (4)... use scissors. Latex makes crummy dental
        floss!

A trick for making bubbles inside a balloon for peas in a pod/caterpillar
and also for making apple twists is to: *lick your finger* before pushing
the bubble in. This makes it MUCH easier to get your finger out without
pulling the bubble out, losing a lot of air, or whatever. Of course, you
can have as much fun with this as you like hamming it up.

Hook Twist

This is the "hook twist" that Dewey describes. He uses it for a lot of
neat animals: dogs, snakes, squirrels, frogs, etc. This twist is basically
a variation on the apple twist. Instead of pushing the nozzle into the
balloon only about an inch, push it in as far as you can reach with one
finger. If you bend the balloon a bit you can reach further along the
wall of the balloon. Now grab the nozzle through the wall of the balloon
and twist the way you would make an apple twist. Then carefully work
your finger out of the balloon. I use the thumb and middle finger of teh
same hand that has the index finger insdie the balloon. These two
fingers kind of push the sides of the bubble back a bit while I retract
my index finger. If you can do an apple twist you already know how to
take your finger out. It's just a bit harder now since there's more
finger inside the balloon. Practice making apple twists of increasing
size. I suppose a bit of powder on your finger couldn't hurt to reduce
friction, but I've never tried it. When you take your finger out of the
balloon, the bit of balloon inside the bubbel that goes from teh nozzle
to the end of the bubble will go straight from the twist to the end of
the bubble. If the bubble is bent (or hooked) as described above, that
inner piece of balloon will hold it in that position.

```
                                 _  __
                                |  V  \
    ------------\     /-------/ / B   |
                 \   / _____ _/      |
                  )( A               /
                 /  \              /
    ------------/    \----------/
```
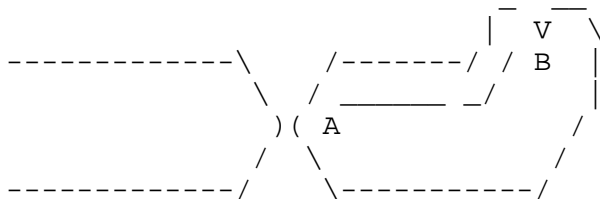
The line going from point A to B in the above picture should actually be
straight, but with ascii characters I don't see an easy way of showing
that. The key to getting that shape is really to get the nozzle further
into the balloon than your finger could reach if the balloon was kept
straight. I scrunch up the bubble to really reach in there far. Note

that no matter how far you reach in, the same length of balloon will be
inside since you're only putting inside the ballon what covers your
finger, so the further you can get the nozzle in, the greater the hook in
the bubble.

Pop twist

It is often desirable to get more limbs on an animal than there are ends
of the balloon. The basic dog works out ok, but legs need to be grouped
in twos. The pop twist will allow two legs or arms to be separated.
Twist two medium bubbles, three small bubbles, then another medium
bubble. Do a lock twist with the medium bubbles so nothing untwists.

```
         __
        (  )  <-
       // \\  <- Three medium bubbles
      (a) (b)
        (c)     <- 3 small bubbles
```

Ear twist bubbles a and b. Twist them about 5 times each (completely
around). Now pop c. The air should not come out of any of the other
bubbles.

Toes

I'm not sure what anyone else calls this one so for now I'll call it a toe
twist since that's what I like using it for. Make an ear twist, with only
a little air in it. The softer the better. Twist the bubble in half
now to form two toes.

```
        twist along this line
          |
          v

         ___
        ( v )
        / ^ \

          ^
          |
```


****
What to say when a balloon pops
****

When a balloon goes BANG say
"May you rest in pieces!"
"I sure got a bang out of that!"
"That was a weasel. It went pop."
"I told you I was going to BLOW it up!"
"Sssh, don't tell anyone how I did that!"
"Sorry son, the dog was rabid, had to put it down" (from movie The Mask)
"Don't worry, I'll make sure that the Doctor puts him back together again."
Q - What do you call a balloon dinosaur with a hole in it?
A - extinct.
When I do shows I usually have a gun in my pocket... the kind with the
little flag that pops out that says "bang" on it. When a balloon pops
I grab the gun quickly and fire at it and say triumphantly, "got it".
Hold you hands to your chest saying, "He GOT me!"

I also snapped an empty balloon into my face as I was attempting to blow it
up. I would grab my nose and make a horrible face and a shocked face at
the same time. Always got a good laugh.
When blowing up the balloon, I would comment somewhere that "You have to be
careful with these things...they have a hole in one end!"
Which reminds me of another bit I have used.... The balloon inflated, and
held at the mouth end, and have everyone do the "lift-off" countdown.
Great laugh getter. I did this in our church service once and it worked
great. Everyone had been waiting to do that for years, and I was the one!!

****
Notation
****

Standard ascii methods for describing balloon creations.

First and foremost you must identify in words how much of the balloon
should be filled; i.e. Blow up the balloon leaving an X inch long
uninflated nipple.

****

Legend for method 1:

()   -   One/half inch bubble (need we go smaller?)
(=)   -   One inch bubble
(=-)   -   One and one half inch bubble
(==)   -   Two inch bubble, etc. For long bubles, use (L=) where L is
          the Length of the bubble in inches. ie. (30=) for a 30" bubble.
[]   -   Same as other bubbles, but bent in the middle
xn   -   Twist connection (where n = the number of the connection)
O   -   Pop bubble
(@)   -   Apple twist
(!)   -   Pop twist

If I designed it right, this should be the classic dog with a 1 1/2 inch
nose, 2 ears bent in the middle, and connected to the back of the nose.
A 1 inch neck follows, then two more one inch bent legs connected to the
neck. 3 inches of middle and two 1 inch bent legs connected to the middle
followed by a 2 inch tail.

(=-)x1[=]x1[=]x1(=)x2[=]x2[=]x2(===)x3[=]x3[=]x3(==)

a pop-twist used to generate two legs & paws:

... (==)x1[=]x1(=)!x2[=]x2(==) ...

a tulip becomes: (==)@

If more than one balloon is used we can group the twists in a
single balloon with '{' and '}'. We can still use xN to designate twists
as long as N continues to increment with twists in teh new balloons.
Taht way a previous xN can be used to show where the new balloon gets
connected.

this would be two balloons twisted together:
        {(===)x1(===)}{(===)x1(===)}

```
***************************
```

Legend for method 2:

```
(x)     -    x inch long bubble
(xA)    -    apple twist
(xET)   -    ear-twist
(*)     -    pop-twist
(xAL)   -    for arm loop as in a standing bear... would also serve
as a leg loop.. the two are the same, and are nothing more than LARGE
ear twists any way.
```

(.5),(1),(1.5),(2), etc for the different sizes.. [spaces are
optional within the paren's, but might give a better sense of size].

the X's and numbers I found to be confusing between the bubbles. Not all
bubble ends are twisted around one another. the paws of the basic dog for
example are just the two ends of bubbles, no locking twists. So, how about
a captital letter at each point thats to be locked together. the basic
dog now looks like.

```
   ( 1.5 )A( 1 )A( 1 )A(.5)B(  2  )(  2  )B(   3    )C(  2  )(  2  )C( tail )
```

or.. (1.5)A(1)A(1)A(.5)B(2)(2)B(3)C(2)(2)C(tail)

   Special bubbles could have abreviations for them.. ie: ear-twist is ET..
a half inch eartwist could be (.5ET) If you want to pop the bubble between
two ear-twists us *.. size doesn't matter for this, but you have to realize
that each ear-twist must be twisted around 5 or 6 times before pop the center
bubble... notation.. (.5ET)(*)(.5ET)

   A bubble made by pushing the finger in, then twisting
off is the apple twist.. its what I use to make the nose for a bunny.
So (1A) for one inch apple.

   The bird body.... It's three balloons, with one pushed through.

(1)A(2)B(2)A(2)B(rest of the balloon)

   Now the bunny head.

(1A)A(1.5)B(1.5)A(1.5P)B(2)B(2)B(1)A(off to the legs)
nose |head with cheeks| ears |neck| rest of the bunny

    Please note, the nose is a (1A) with the A inside to show an apple
twist. This might work better with a half inch bubble.

```
***************************
```

Legend for method 3:

```
  Knot:        .

  Uninflated balloon: ... length proportional to the following.

                  _
  Bubbles:    (_) this is the smallest bubble 0.5"

                 __
             (__) this is 1".  add an underscore above and below for each 0.5"

          This makes the size of bubble linearly proportional to the
```

```
                    real size.

                    Putting the no. inside the bubble is fine too.  But I think
                    it is not important.  The impression of the proportion is
                    enough.  Measure a bubble that your think is 2" and see how
                    long it actually is... you'll be surprised.  When you have
                    associated the screen image with the actual bubble, then it
                    is very easy to tell.

  Order:    diagrams are read from left to right, top to bottom.  There
            is no confusion which bubble is made first, which is second,
            third etc.

  Twists:   lines like this _____/ are drawn to indicate connections:
             ___  __  __
            .(___)(__)(__)       nose and ears of a classic dog.
                _____/


             __  ___  ___
            .(__)(___)(___)      mickey mouse nose and ears.
                \___/\___/       the bubbles are folded in the middle as
                                 clearly indicated.

            whether the twist lines are above or below is unimportant.

  Tugs:     Similar to the above.  When a bubble x is tugged between
            two bubbles y and z, y and z must be twisted together
            already.  So, a line is drawn with one end from the middle
            of x, the other end connected to the middle of the twist
            line of y and z.  The positions of the ends of the line
            indicate whether the whole bubble x is rolled behind y and
            z or just a portion.  The starting place is marked by a
            slash, the ending by a vertical bar.


                 y            z
             __  _____  _____
            .(__)(_____)(_____)
                _____/
                       ____|
                  ____/___  _____
                 (_____)(_____)...
                   x


            The above is a swan.  The whole bubble x is rolled behind
            y and z.  Sometimes I'd like to roll only half of x
            behind y and z, like this:


                 y            z
             __  _____  _____
            .(__)(_____)(_____)
                _____/
                       __|
                  _____/_  _____
                 (_____)(_____)...
                   x


            The profile of the above swan will be like this:

              __
            (   )..              (this diagram is, of course, not
             \ \                  part of my formalism.  It is just
              \ \                 an insert to illustrate my point)
```
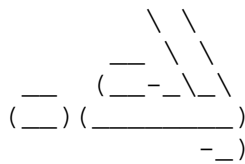
```
                    \ \
                __   \ \
          __   (__-_\_\
        (__)(_____)
                 -_)


           When a bubble is inserted between two bubbles:

        A frech poodle head:
             ____  ____  ____  __
          .(____)(____)(____)(__)
             \       _____/
              _____|


 Labels:   feel free to add labels and other descriptive words:

      A classic dog will be:

        nose   ears  neck  legs   body    legs    tail
         ___  __ __  __ __  __ _____  __ __  ____
       .(___)(__)(__)(__)(__)(__)(_____)(__)(__)(____)....
            _____/     _____/        _____/


 More visual aids:

           It is nice to start a new line after every twist line.
          ___ __ __
        .(___)(__)(__)  nose & ears
           _____/                        CLASSIC DOG again.
          __ __ __                          this may be more visual.
         (__)(__)(__)  neck & legs
            _____/
             _____ __ __
            (_____)(__)(__)  body & legs
               _____/
                ____
               (____).... tail


     tail      3-part body
      __  _____  _____                More visual SWAN
    .(__)(_____)(_____)
       _____/          bend this bubble until it
              _____|                 looks like a swan neck.
         _____/_  _____
        (_____)(_____)...
                        neck


               _____
        _____/_____ ____ ____  \        SNOOPY
      .(_____)(____)(____)  |
          _____/  |   wrap around and tug half-way
           |_____/
           __ ____ ____
          (__)(____)(____)
             _____/
                \__                (notice the direction here
              _____|____            is signficant, that's why
         ____ /____ ____\           a vertical bar is used)
        (____)(____)(____)
```
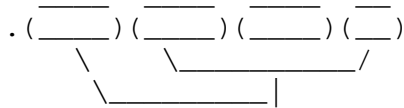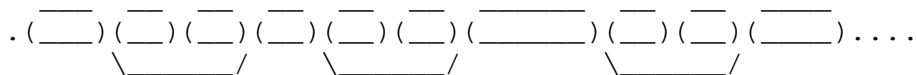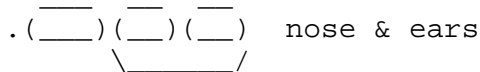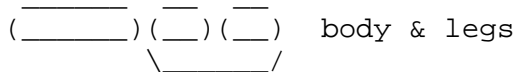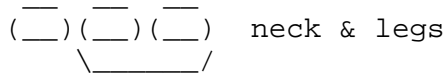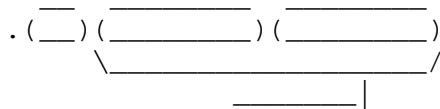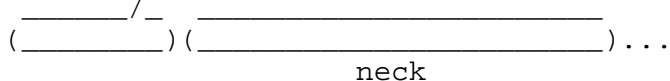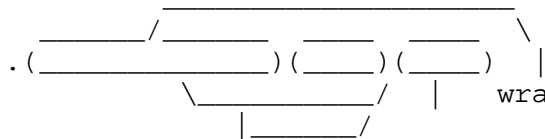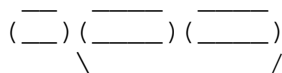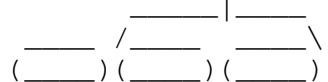
    Start: Start by describing how much air to inflate. This is a complete
example.

        TEDDY BEAR

        start with 6" of uninflated balloon.

```
                    ear         ear
         nose        __          __
        ____   ____ /__\ ____ /__\ ____
      .(____)(____)(__)(____)(__)(____)
        \         _____/
          _____|
          __  ___  ___
         (__)(___)(___)      neck and arms
              \___/\___/
              __  ___  ___
             (__)(___)(___)      body and legs
               \___/\___/
               _
              (_).          tail
```

****
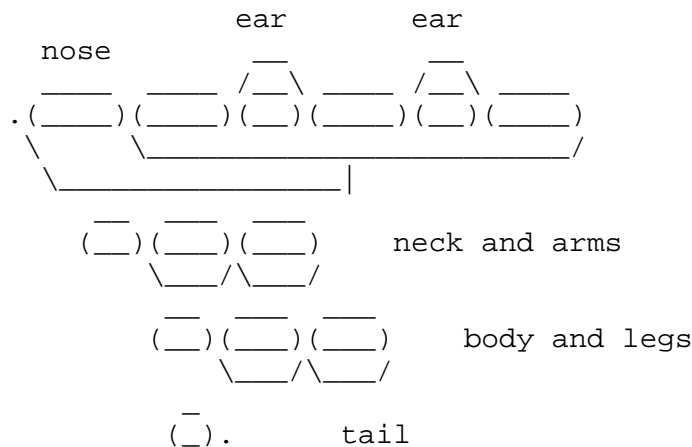
Legend for method 4:

n   A number representing a length in some standard unit. inches?
      n, not surrounded by anything is a bit of uninflated or deflated
      balloon.
(n)   A bubble of length n.
X   A letter [A-Za-z] representing a twist. This can be anywhere except
      inside a bubble. Actually I suppose this can be defined as a letter
      or nothing so that we can say X is always between bubbles.
[n]   A bubble that's been folded in half or an ear twist.
      n can be followed by optional modifiers when inside a bubble:
@   Apple twist.
!   This bubble gets popped. Hmm, n doesn't need to be present in this
      case.

****************************END OF BALLOON FAQ**************************

```
From balloon-request@cvs.rochester.edu  Mon Oct  9 23:46:46 1995
        id AA25843; Mon, 9 Oct 95 23:41:37 EDT
Date: Mon, 9 Oct 1995 23:41:30 -0400
From: AVBalloons@aol.com
Message-Id: <951009234035_72530387@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Hello, out there!!!!!!
```

I'm new here, but here goes...
My name is Adrienne Vincent, I'm a CBA from "A Novel Concept" in Anaheim,
CA. I've been "twisting" on a non-professional level for nine years, and have
just gone full time into round balloon decor and entertaining. My 260Q
specialty is weaving, using the Marvin Hardy technique and a spiral technique
that was taught to me at IBAC by Royal Sorrel, from Royal Mime Productions.
Now that you're all really bored...
Halloween Ideas: I always make a balloon costume for myself, so that I can
advertise myself and my talents whenever I go to a Halloween function. My
costume this year is "Belle" from Beauty and the Beast. I wove a full yellow
dress, a seperate white peticoat and decorated it with 260Q bows and flowers.
It was for an early halloween party at my distributors shop, and it was quite
a hit, even among seasoned balloon pros. I was commissioned a couple of years
ago to make a Grape costume for a little girl after her parents saw me at a
carnival. It was about a hundred clusters of 260Q grapes safety pinned to her
leotard. I will be helping to teach a balloon costume idea class next week,
and I'll post some of the better ideas we come up with after that.
I was at a carnival this weekend, and was out of orange 321s. Natch, I had a
little boy ask for a pumpkin. I did have some orange 11" round balloons with
me, so I blew it up, did an apple twist on it and wrapped a green 260Q aroung
the knot before I let it go back into the balloon. Instant pumpkin.

Adrienne

Date: Wed, 30 Oct 1996 13:17:05 -0500
From: Ellen Pennington <Ellen.Pennington@UC.Edu>
Subject: Re: balloon pumpkins -Reply
To: balloon@fooledya.com

>>>>>>>>>>>>>>>
>HELP! I was trying to make a pumpkin out of a bee body balloon by
doing
>the apple twist and then making the face with a sharpie, but every
time
>the balloon would bust or I just couldn't get the twist right. Any
help
>with this problem would be appreciated. Instructions for making a
>pumpkin with a 260? I need some ideas for Halloween. Thanks!
****

Sounds like you are over-inflating that poor little bee body!
Inflate to the size of an orange and try it again. Think you will
have better success....

Oh! also, before you add the face, roll the finished pumpkin between
your hands with one hand on top and one on bottom to give it a good,
even pumpkin shape.

- Ellen

        a.k.a.

            "Onion the Clown"

```
From balloon-request@cvs.rochester.edu  Sat Sep 30 23:01:59 1995
        id AA09242; Sat, 30 Sep 95 22:52:16 EDT
Date: Sat, 30 Sep 1995 22:52:06 -0400
From: PartiGirls@aol.com
Message-Id: <950930225205_33479401@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Halloween
```

Last year for Halloween I used Qualatexs' latex Pumpkin balloon, filled with
helium and stuck them all over the front lawn using lollipops as anchors.
When kids came to the porch, I told them to "pick a pumpkin" from the pumpkin
patch! They loved it and so did the moms and dads! By the way, I inserted
flyers about my new decorating business into the balloons!

Karen Wallaesa
The Party Girls!

```
From batten@Kodak.COM Sun Feb  6 22:14:32 1994
Received: from kodak.com by mother.ent.rochester.edu with SMTP id AA12911
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sun, 6 Feb 1994 22:14:32
-0500
Received: from park.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
         id AA19646; Sun, 6 Feb 94 22:15:31 -0500
Received: by RDCS.Kodak.COM (4.1/SMI-4.1-DNI)
         id AA01668; Sun, 6 Feb 94 22:12:21 EST
Date: Sun, 6 Feb 94 22:12:21 EST
From: James x70293/RDCS/6-69-KRL <batten@rdcs.kodak.com>
Reply-To: James x70293/RDCS/6-69-KRL <batten@rdcs.kodak.com>
Message-Id: <9402070312.AA01668@RDCS.Kodak.COM>
To: balloon@ent.rochester.edu, koczaja@eniac.seas.upenn.edu
Subject: Re:  caricatures...
```

I don't have a Bug's per say, but Buster and Bab's.. sorta.

   They are actually one and the same, I just use blue for buster and
pink for babs.

   Start with a small (maybe 1/2 inch) apple twist, this will be the nose.
Follow this with a small (two inch) birds body, two sides will be cheeks,
the third is the ridge going down to the nose. Now a pair of 3 inch bubbles,
(the ears), a one inch for the neck, then do the typical front legs,body,back
legs.. and if you practice enough you end up with a nice one incher for the
tail.

   I usually make it so its sitting by stuffing the front legs inbetween
the back, in this position the rabbit tends to be looking upwards. If I
decide to draw a face, and I usually do, I just add a couple of whiskers
on the cheeks, and two large round eyes on the FRONT of the nose ridge.
(others in the area put almond shaped eyes on the sides.. but I don't
think that looks cartoonish enough.)

   I used to do a real nice Whylie Coyotee, (both a single and a multiple
ballon version) but I'll have to go out and get some balloons to try it
out again prior to posting it.

cheers - jim batten

Hello!!

Today's discussion will be on the use of rubber cement and
a few balloon sculptures that require rubber cement. There is a good
chance that some of us don't know how to use rubber cement (on balloons
anyway) so I'll tell you all that I know about it. Afterwards, I'll
give directions on a few sculptures that require the use of it.

USING RUBBER CEMENT

I'm not sure that any one brand is better or worse for balloons. The kind that
I use is Elmers. Before I brush any of the cement on the balloons I take off
the cap and let it sit for about 10-15 minutes. This is to decrease the chance
of the balloon breaking when it is applied. (If there are any chemistry majors
out there please explain why).
When applying the cement to the balloon make sure you keep it away from your
fingers because it's a real bitch to handle the balloon when it keeps sticking
to your fingers. Anyway...When applying the glue use the brush that comes with
the bottle--just be careful not to POKE the balloon. Also only use a minimal
amount to get the job done. Too much makes the sculpture look messy, other
things (dust, particles etc.) can get stuck to it, and people can see where the
glue is at.
Wait a few seconds until the glue loses it's clear look and becomes whitish.
Now just connect the two balloons together. Make sure the balloons being con-
nected are in the right place because it's hard to take the balloons apart with
out breaking.
If there are any questions about using glue just ASK. I probably forgot some-
thing...

Now, what can we do with the use of rubber cement?? How about making a rabbit,
a three layered cake and a gumball machine?

EASTER RABBIT

To make the rabbit it requires three 360 balloons (For those of you who don't
know what 360's are, they are just as long as the 260's but much wider) with
the color being the same. (Unless, of course, you grew up in the 60's and are
into that colorful stuff....).

First thing to do is inflate the balloon just over half way. (You'll be making
a total of 11 twists so you might want to experiment with the amount of infla-
tion and the sizes of the bubbles.) Second is to make the bubbles. Start with
two 3-inch bubbles, then 2 1/2-inch bubbles and then another 3-inch bubble.
Now connect the last twist with the first twist. Next, make another two 3-inch
bubbles, 2 1/2-inch bubbles and finally the last 3-inch bubble. Connect the
last twist with the twist between the the two 3-inch bubbles. Deflate whatever

is left of the balloon so that is the same size as the 3-inch bubbles. You
should have a poodle with no head. It should look something like this (bare
with me, this computer doesn't have any graphic capability...)

```
     First Twist (3inch)    <-------- 0
 3rd and 4th twist (1/2inch)-----> o0 ------->second twist (3inch)
                                    0 ------->3 inch twist
           Two 1/2 inch twists--> o00 ------->last twist (deflated if needed)
                                    |------3 inch twist
```

This is the body. In between the top and bottom o's you can glue in the easter
egg or whatever you want that fits. Now for the second balloon...
Inflate/leave 3 inches at end. Make three 1-inch bubbles and twist them so it
looks like the ears and nose of a basic dog. (This is actually the nose and
two buck teeth of the rabbit). Take the knot and twist it to the first twist.
(All this does is make the balloon appear to have no opening). Now make two
5 to 6 inch bubbles (These bubbles should be long instead of round). Twist the
last twist to the base of the three 1-inch bubbles and the first 5-6 inch
bubble. You should have about five or six inches of inflatable balloon left
(if not make it that way).Pull the uniflated part of the balloon thru the twist
between the two 5-6 inch bubbles. Wrap it around that twist and tuck it away.
The last thing to do with this is to shove the 2nd and 3rd 1-inch balloons
1/2 way between the two 5-6 inch balloons.   Now for the third balloon (and
by far the easiest...)
Inflate the balloon so there is three inches uninflated. Twist the balloon ex-
actly in half. Tie off the uninflated part and cut off the extra. (Thats it
for the third.)
Now for the glueing. Place the first balloon on the table like it is shown
above. Place the second balloon on top of the first balloon so that it is
centered and the two 1-inch bubbles of the second are directly above the two
1/2 inch bubbles of the first balloon. You should have something (from the
front view) that looks like a rabbit. Now all you have to do is place the
third balloon somewhere in the middle of the two 5-6 inch bubbles of the
second balloon. Now you have a completed rabbit.

I apologize if the directions are confusing. I read them back to myself and
wondered what kind of drug was in my Wheaties this morning. If there are any
questions feel free to ask.
I've been making these rabbits for three years now. I learned it from Roger
Siegal in Chicago. Out of ALL the things I've ever made out balloons this is
my most wanted. Adults act just like kids when they see one and want one.

I was going to give instructions on how to make a birthday cake and gumball
machine but my hands are tired and I need to save my strength for later...
Until the next time....

Steve.

PS If anyone lives in the Chicagoland area let me know and thanks for the tips
on balloon busking. I'll be sure to let everyone know how it turns out....

From balloon-request@cvs.rochester.edu Mon Nov 13 14:51:44 1995
          id AA00461; Mon, 13 Nov 95 14:47:42 EST
Message-Id: <m0tF5nE-000A2iC@isc-br.isc-br.com>
Date: Mon, 13 Nov 95 12:47 PST
To: balloon@cvs.rochester.edu
From: norm@isc-br.isc-br.com (Norm Carpenter)
Subject: Balloon Routine

Hi Folks,

I've put together a balloon routine that I would like
to share with you. This routine is not original in
that every effect is mine, but I did put it together
from a couple of sources that I read.

This routine was intended for children, and went over
rather well (of course the Needle through the balloon
trick failed twice during the show and worked twice in
a row after everyone went home! Sheeesh!)

Presentation:

The performer stands before the audience and says:

"You know, all my life I wanted to be the worlds greatest
magician but there was always one magic trick that kept me from
my goal. I think you know the trick, it involves a hat and
a rabbit." (Pause here while the clues sink in) "I was never
able to do this one bit of magic that all of the great magicians
can do and it has kept me from becoming a great magician. But
the other night in my dream I was able do this trick and when I
woke up I remembered how the trick worked. It was simple. So,
now, if I can do this trick for you I can start on my way to
becoming a great magician. Okay, we need a rabbit. Which one
of you brought the rabbit?" (Pause and wait for a response, I
even had a volunteer but he didn't have a rabbit. IF you do get
a rabbit say that he is 1) too big, or 2) not white, or 3) not
blue) "Nobody remembered to bring a rabbit to the magic show? No
problem, being a magician I always carry a rabbit with me."
(Inflate a 260Q and twist it into the shape of the standard rabbit
with two legs stuck through the loop) "This is Hoppy Rabbit, the
best magic rabbit in the world. I need someone to hold Hoppy for
me for just a minute." (Pick out a volunteer and pass Hoppy to
him/her by holding the round base of the rabbit with one hand on
either side. Just as the person is about to take the rabbit, open
the base causing the front legs to pop up. You may need to help the
legs a bit by pushing them up with your fingers. Then say:) "No no
Hoppy, it's okay. This person won't hurt you, he/she is very nice".
(Repeat the move handing the rabbit to the volunteer and having it
jump away from the person) "Hoppy!, Really it's okay this person
won't hurt you at all. Could you please take Hoppy carefully and make
sure that he doesn't jump away?" Hand the rabbit back to your volunteer
and this time let him/her take it. "Now I will prepare myself mentally for
this trick" After a brief pasue, take the rabbit back.   "And now,
just as any great magician can do" (the magician removes and displays
a small hat) "I can make a hat appear from an empty rabbit. Yes boys
and girls [Ladies and Gentlemen] I have done it! I have done the
worlds most famous trick. I have produced a hat from a rabbit!.
(I now take the hat and wedge it between the ears of the rabbit and
hand it back to my volunteer).

The trick goes over pretty well, and usually I hear some child say 'But I thought it was supposed to be a rabbit out of a Hat'. My response to this is 'Oh No! Now I have to learn it all over'.

Here are the details. I've been somewhat vague about handling since this is an open list and I don't want to willy nilly throw magic effects out. The two sources that I combined for this list are 1) Norm Barnhart's Entertaining with Balloons for the jumping rabbit part and 2) Mike Close's Workers 1 book for prducing a hat from a rabbit (in this case it's a paper rabbit folded from a napkin). Both of these books are great, and Mr. Close's (if you can find it) has some very strong magic effects.

What you need:

One 260Q Balloon

One small hat. I bought a small plastic top hat at a craft store. The price was 3 for $0.29 and they were just big enough for the opening in the hat to fit over my finger.

I kept the hat under my sweater which was tight enough against me that the hat stayed. When you give the rabbit to your volunteer the third time, all eyes will be on the rabbit and gives you ample time to load a small plastic hat into your hand. After I handed the rabbit to the volunteer the third time I stuck the hat on the end of my middle finger of my right hand. I showed my hands empty by palming and switching the hat from right to left (a book dealing with thimble magic will give you the techniques here to accomplish the sleight). With the hat in the left hand palm, I take the rabbit back and transfer the hat to the middle finger tip all at the same time. When I've got the rabbit, I just put my middle finger behind the front legs and leave the hat behind. (You guys get your minds out of the gutter right now!) Now you can produce the hat at your will. Of course, producing a hat from a rabbit is a lot more fun these days than a rabbit from a hat.

Note: As I wrote this I noticed in the patter that I used the term 'trick' to describe my problem as a magician. I looked at this and decided I didn't like it. You want to perform MAGIC, not tricks so why give away the fact that you are only doing a trick? But sitting here writing this stuff, I couldn't come up with a better presentation. Any Ideas?

Also, If you are interested and need to know more about some of the moves for this trick, email me and we can discuss it in private email.

Hope you enjoy,

Norm
    the
        Balloonian

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From balloon-request@cvs.rochester.edu Fri Jun 16 15:22:27 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA04809
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Fri, 16 Jun 1995 15:22:27
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA20095; Fri, 16 Jun 95 15:22:12 EDT
Resent-Date: Fri, 16 Jun 95 15:21:55 EDT
Old-Return-Path: <batten@rdcs.kodak.com>
Date: Fri, 16 Jun 95 15:21:55 EDT
From: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9506161921.AA26100@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: spirals, racoons, paint, geo's
Resent-Message-Id: <"x1LPM.0.xv4.ZdTul"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/340
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Balloon Spirals:

   Several years ago I saw some folks walking around with some large
balloon sculptures made from balloons which had been spiraled together
in the fashion shown in the hat that T. Myers wears in his advertisements.
Try as I might I was never able to get a spiral to work... ergo I forgot
all about what they sculptures looked like (seems to me they may have been
birds.. but looked really grand.)

   The good news is, I finally tried the methods discussed here, and WOW !!!
Its so bloody easy I could kick myself for not discovering this earlier.
We used to make ropes this way in the boy scouts, altho we used three lines
instead of the two used here.

   The bad news is, now, besides nice hats, I can't remember what the designs
looked like. Does any one have any nice sculptures they can recommend for this
besides the chasing balls thing? Thanks.

Racoon:

   During lunch I remembered I had a few old balloons out in the trunk of my
car. (the boot if there are any Brits here.) I finally tried to make a racoon.
Going with the typical bears head I replaced the top section with two smaller
bubbles... looked quite a bit like the masked eyes you see used on racoons
in many cartoons. Looked pretty good. I also just joined the arms together
with a single bubble which I ear twisted.. looked quite a bit like he was
holding something.

   I was not able to go any farther than this since as I said, they were old
balloons out in my hot trunk.. did not last very long. 8^)

Markers:

   As a few have noted, there is some extra class in doing a good mark up
job on the balloons. AND, there is a lot of pride involved in showing off
my special talents in doing this.. however;

   If I'm doing a paid job where the income is pretty much fixed I'll be happy
to take my time and do all the drawing in the world.. but if I'm working for
tips, or cash per balloon (so far this case has always been working for
tips) I want to get balloons into as many hands as fast as possible, and
cash out of hands equally fast. My twisting is fairly good (or so I think)
and the only complaint I ever get is from a child holding a balloon who
suddenly sees something else I've done and decides they want that one.
(a term should be developed for this, maybe "The Green Balloon Syndrom"...
the balloon is always greener on the other side of the line)

   If there is the potential of getting swamped and a munchkin says they
dont see the animal I said I made for them, I'll opt to suggest they use
their own imagination a little harder and resist reaching for the marker.
Once you do something for one kid in a crowd, you are going to have to do
it for all. Make eyes on a cat, the next kid will demand you add stripes to
theirs, the next wants stripes and claws... stripes,claws,eyes,teeth, a cute
nose... ect.

   I do not mean to sound like I'm comming down on the kids... this is just
kids being kids and I can understand this. But its going to happen, and
once it starts you either give up and decide you are going to have a low
income day, or put a stop to it and look like the bad guy. Heck, last year
I remember us putting some eyes on a tiger for a young kid, he went and got
a white marker from his mother and did some great artwork over what we had
put on. Looked really nice, but there were many kids who were less than happy
that we were not going to put the white markings on their balloon. They did
not care that we did not have white markers, they were just upset that they
were not going to get the same thing another kid had. That crowd eventually
moved on, but I felt bad for the kids who really wanted the white added to
their balloons. (hey!!! honest, I really am a sensitive guy.. now GO AWAY AND
LEAVE ME ALONE!)

GEO'S:

   I tried inverting a geo last night, but must be doing something wrong. I
carefully inflated it just a little bit at a time to see the different
shapes it might take.. never saw the kitty, towards the latter stage I could
see where mickey could be made, but don't think I could have set the nose
up high enough to make it look really good, and eventually ended up with
something that looked like a heart from a superman Bizzaro issue. I'll have
to play around more with this tonight. Has anyone else had any luck with
this?

cheers all - jim batten

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Date: Tue, 20 Aug 1996 05:06:55 -0600
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re:rainbow
```

>Here in southern Indiana I've had some kids, ...er, children as for
>a rainbow balloon. The only rainbow balloon I know requires tape or
>glue. Does anyone knnow of a rainbow that does not need tape or glue?
>I would not mind doing the one that I know for them but the requests
>have come at venues where I'm being paid to hand out balloons at a
>function where I'm swamped with kids and the line gets long (i.e.:
>Kids I.D. Day with police officers, warm-up for a kids theater).
>
>Any help out there? Thanks.
>
>   just CLOWNing around
>   Buff Phoon the Clown
>   buff.phoon@Genie.com

Buff Phoon,
        I'm guessing that you want a rainbow that doesn't take very long.
Well.....I've seen one that takes nine balloons. 3 white & one each of the
primary & secondary colors. Inflate the white balloons completely & burp
slightly & tie off. Twist off a 1" bubble on each & spin these 3 together.
Braid the white balloons & twist the ends together. To proceed from this
point, your braid should take on the characteristics of a geometrical plane
with the colors coming up out of the flat.(If this confuses, give me a
call.) Starting with your favorite color of the rainbow, inflate fully &
stick it in the very first hole of the braid on the end that the knots are
on. Reverse the braid & repeat. In other words, for clarification, be sure
that, if you start on the right on one end, you stick it on the right on
the other end. Following the spectrum(purple, red, orange, yellow, green, &
blue), you go to the next hole & repeat. I.E.:if you started on the right
w/the first balloon, you go to the next hole on the left & then the right &
left & right. You get the idea. Your rainbow colors will need to be shorter
as you go along so that one hump will fit inside the next as you head for
the middle. As for credit, I'm sure it's published because I've seen it on
the cover of a rather old book, somewhere. Ask Tom. He probably carries it.

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     /\                            _____
    / /\                          / _____ \
  P-\ \ \                        / / _____ \ \
    /\/ /-R                     / / / _____ \ \ \
  O-\ \/\                      / / / / _____ \ \ \ \
    /\/ /-Y                   / / / / / ____ \ \ \ \ \
  G-\ \/\                    / / / / / / __ \ \ \ \ \ \
    /\/ /-B                 /_/_/_/_/_/_/_____\
    \ \/                    |P|R|O|Y|G|BB|G|Y|O|R|P|
     \/
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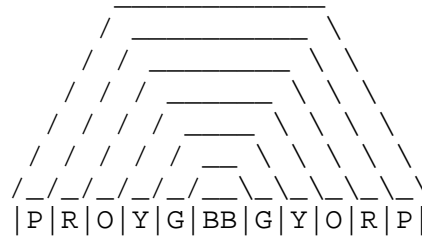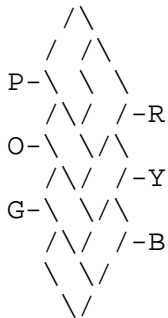
John,The Balloon Man-Dallas.

John,The Balloon Man-Dallas.

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From balloon-request@cvs.rochester.edu  Fri Sep  8 19:34:35 1995
         id AA07349; Fri, 8 Sep 95 19:30:10 EDT
Date: Fri, 8 Sep 1995 18:30:02 -0500
Message-Id: <199509082330.SAA57286@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: rattlesnake tails
```

>P.S. Can some please DIAGRAM the nested Apple Twists for the rattlesnake?
>I can only manage to get 2 A.twists in a row.

They are not really nested - rather, they are stacked. The basic technique
is in Encyclopedic Balloon Modelling by George Sands. I don't remember if
he recommended that it be used for a rattlesnake tail though.

Here's how to make a good looking tail if you have the time:

1) Twist a small bubble at the end of the balloon. That is the last rattle.

2) Take a small piece of broken balloon and place it on the snake body
bubble, about 1/2" away from the twist you just made. Poke it into the
balloon with your finger and grab it through the balloon wall with your
other hand. Complete as if making an apple twist. That is the second to
last rattle.

3) Repeat 2) as required.

The trick is to make that 1/2" distance as absolutely small as you can...
like 1/4" or less. If it is too big, you will get... an ugly mess. These
"apple" twists are not really perfect apples connected
stem-to-bottom-of-core; but rather like apples connected *near* their stems
to the bottoms of the cores. Because of this, they want to form a little
lop-sided. Keep that 1/2" number to a minimum and twist each apple enough
times so that it snugs up tightly against its neighbors. That minimizes
the lop-sidedness and allows them all to help hold each other in shape. If
you have lop-sided apples, rotate them so that they cancel each other out
and still form a straight rattle. You need good inter-bubble friction to
hold it all together, so talc on the outsides of the balloons is a no-no.
I just made a 4-apple + end bubble tail as I wrote this, so it does work.
(I also just got a beautiful fracture in a balloon - straight crack running
down the entire length... :-)

But I now recognize an easier, faster way... Push the knotted nozzle a few
inches into the balloon (like a hook twist), but don't twist and close it
off - just hold the knot thru the balloon wall so that air can pass by.
With your other hand, twist soft apples of increasing size. The last apple
will hold the knot in place, and because the apples are soft, they will
hold against each other pretty well and not unravel (unless you give it to
a kid...) Make sure you push the knot up into the last apple. These are
true stem-to-bottom-of-core apples, because they are really just one apple
twist twisted into smaller apples. I just made a 4-apple (no end bubble
possible with this method) tail as I wrote this, so it does work. The
beauty of this method is that if you don't size all the apples perfectly
the first time thru, you can almost untwist one apple at a time until they
just start to leak, and then pass air back and forth between neighboring
apples to adjust the sizes.

I didn't like how the above rattle ended in an apple, so here's a method to
add the bubble at the end. Twist a small bubble at the end of the balloon.
That is the last rattle. Twist all the air out of the next two inches of
balloon by continuing to twist the balloon into a thread. Take a small

piece of broken balloon and wrap it around the center of the thread you
just made. Push the the thread and balloon bit deep into the balloon (like
a hook twist), but don't twist and close it off - just hold the knot thru
the balloon wall so that air can pass by. With your other hand, twist soft
apples of increasing size. The last apple will hold the knot in place, and
because the apples are soft, they will hold against each other pretty well
and not unravel (unless you give it to a kid...) Make sure you push the
knot up into the last apple. These are true stem-to-bottom-of-core apples,
because they are really just one apple twist twisted into smaller apples.
I just made a 3-apple + end bubble tail as I wrote this, so it does work.
Isn't topology wonderful?

I just came up with these last two variations now, by combining tricks I
learned from books and at IBAC. This is fun! Wish I could do it all
day...

Mark


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   o
  <M>
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From balloon-request@cvs.rochester.edu  Sat Sep  9 18:56:20 1995
         id AA12045; Sat, 9 Sep 95 18:52:47 EDT
Date: Sat, 9 Sep 1995 17:52:40 -0500
Message-Id: <199509092252.RAA69142@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: rattlesnake tails
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Yesterday I wrote:
>The basic technique is in Encyclopedic Balloon Modelling by George Sands.
>I don't remember if he recommended that it be used for a rattlesnake tail
>though.

Well, I checked last night, and George calls the technique the "Center
Apple Twist" method because it enables you to put an apple in the center of
a balloon, or literally anywhere you put a twist first. I really recommend
his book which is full of great techniques and ideas.

He recommends using an apple twist followed by a few Center Apple Twists
for the rattlesnake tail.

So the description given in the FAQ comes out of Sands' book, as referenced
therein.
The 3 methods I presented in my post are my own variations, though Larry
points out that Bobby Cordell beat me to version 2 in his book Texas Style
Balloons. From an aesthetic standpoint I really think that my versions 1
and 3 look better than Sands' or Cordell's because they end in a bubble
rather than an apple twist. Cordell's is definitely easier & faster to
make than Sands'.
I've got another convoluted method for a Venusian rattler tail, but it's
too hard to describe on email. See me at the next IBAC in Chicago, March
'96.

Mark


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From balloon-request@cvs.rochester.edu  Sat Sep  9 22:58:23 1995
         id AA12544; Sat, 9 Sep 95 22:53:34 EDT
Date: Sat, 9 Sep 1995 21:53:27 -0500
Message-Id: <199509100253.VAA16868@postoffice.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: rattlesnake tails
```

OK, last post, I promise:

Another way to make the version 2 (Bobby Cordell) tail look finished is to
add a single small bubble from a second balloon, tied off. Leave enough
uninflated balloon attached after the knot and stuff the uninflated part
into the apple twist when you make the deep apple.

A nice rattlesnake head can be made with a hook twist, because you end up
with a "mouth" when you push the apple off center. Stuff a bit of an
uninflated red balloon in with the knot when you make the head. This forms
the forked tongue.

Now, the unexpected thing about this snake is that you can wear it as a
hat. Curve the body into a circle smaller in diameter than your head, and
bend the tail so that it sticks straight up. Then just put it on your head
with the snake head by your temple. It looks great, even though it isn't a
closed loop. It's actually more comfortable than a closed loop hat too.

Mark


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REINDEER

1. Inflate brown balloon leaving a 2" nipple.
2. Attach nozzle to point B.
3. Push bubble #3 up in between bubbles #1 and #2.
4. Ear twist bubble #4.
5. Ear twist bubble #6.
6. Connect point G to point E&F.
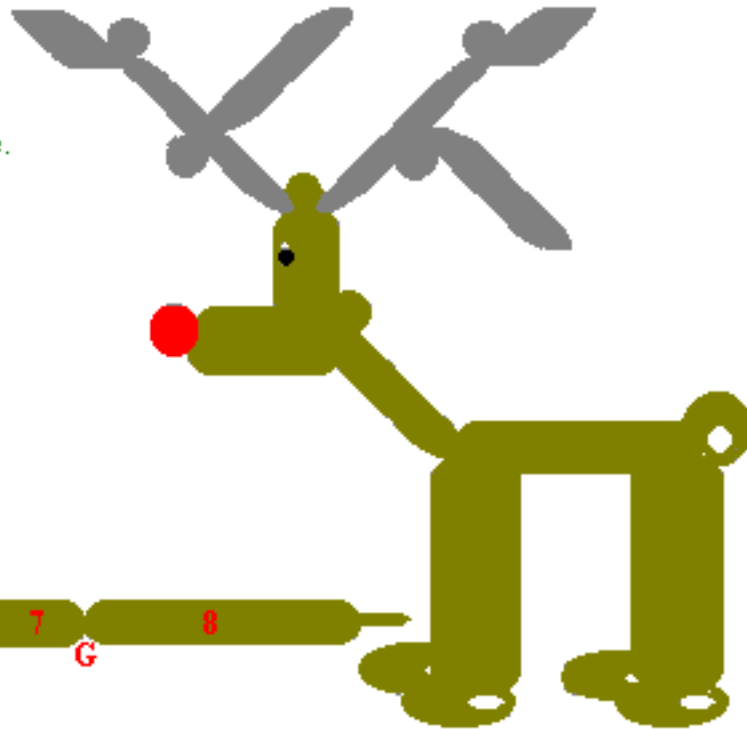
HEAD and NECK

Body and Tail

1. Inflate balloon to about 1/2.
2. Wrap nozzle around point A, (kind of an ear twist).
3. Ear twist bubble #3.
4. Cut and tie off most of nipple.
5. Fold bubble #4 and wrap nipple around point C & B.
6. Connect neck to point A.

Legs and Feet

1. Wrape nozzle around point A.
2. Connect points A and B
3. Connect points D and E.
4. Wrap nozzle around point E.
5. Attach front legs at point C to base of neck.
6. Attach back legs at point C to base of tail.

Antlers

1. Inflate grey balloon leaving a 2" nipple.
2. Wrap nozzle around point A.
3. Ear twist bubble #3.
4. Ear twist bubble #4.
5. Ear twist bubble #7.
6. Ear twist bubble #8.
7. Wrap nozzle around point I.

8. Attach point E to top notch on reindeer head.

You can use scrap balloons for this part of the antlers.

1. Ear twist bubble #2.
2. Ear twist bubble #3.
3. Attach nozzle to point A of first antler part.
4. Attach another nozzle part to point B and D of first antler part.

5. Attach another nozzle to point F and G
6. Attach the last nozzle to point I.

Nose: Attach both ends to
where noses belong!!!!

```
From joker@mother.ent.rochester.edu  Tue Dec 15 22:30:19 1992
Received: from mother.ent.rochester.edu by roundtable.cif.rochester.edu (4.1/1.15) id
AA07443; Tue, 15 Dec 92 22:30:19 EST
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
        id AA14478; Tue, 15 Dec 92 22:27:53 -0500
Message-Id: <9212160327.AA14478@mother.ent.rochester.edu>
From: joker@mother.ent.rochester.edu (Larry Moss)
Date: Tue, 15 Dec 1992 22:27:52 -0500
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@cif.cif.rochester.edu
Subject: reindeer
```

Since it is the holiday season I decided to draw up a couple of holiday
type balloons. Sorry, I don't have any Hanuka stuff (yet). Anyone else
have any they can share?

The reindeer is a very simpleone balloon figure. The pictures should
show enough that I assume anyone reading this list will be able to follow
them. If I'm wrong, let me know. Basically, just make one medium sized
(~1.5 - 2 inch) bubble, followed by nine 1-inch bubbles. Lock twist the
them together to form the ring in the picture. Ear twist the alternating
bubbles. The top two ear twists should be twisted several times. Pop
the extra bubble holding together the antlers. The rest of the body is
the standard 4 legged animal body. Of course, it's best to use red or
green to match the reindeer in the song.

```
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%%CreationDate: Tue Dec 15 20:24:57 1992
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/CP { closepath } bind def
/CT { curveto } bind def
/FI { eofill } bind def
/LJ { setlinejoin } bind def
/LT { lineto } bind def
/LW { setlinewidth } bind def
/MT { moveto } bind def
/NL [ ] def
/NP { newpath } bind def
/GR { grestore } bind def
/GS { gsave } bind def
/SC { setrgbcolor } bind def
/SD { 0 setdash } bind def
/SJ { setlinejoin } bind def
/ST { stroke } bind def
/SW { setlinewidth } bind def
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%%EndProlog
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0 792 LT
612 792 LT
612 0 LT
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0 0 LT CL NP
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52.308398 756.424031 LT
52.308398 760.080059 55.894055 763.665779 59.479711 763.665779 CT
487.930453 763.665779 LT
487.930453 763.665779 LT
491.516109 763.665779 495.172125 760.080059 495.172125 756.424031 CT
495.172125 756.424031 LT
495.172125 752.838311 491.516109 749.25259 487.930453 749.25259 CT
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NL SD
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77.548605 682.881609 LT
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87.602508 681.897305 LT
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100.398375 698.911887 LT
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110.381965 696.802641 LT
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125.287055 708.965965 LT
125.287055 708.965965 LT
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134.356652 704.114707 LT
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134.356652 704.114707 LT
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152.56616 717.262348 LT
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161.495145 712.411078 LT
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210.288187 710.512746 LT
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266.815008 648.993047 LT
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168.666457 534.039094 LT
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182.165391 495.932016 LT
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479.493656 448.966125 LT
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479.634281 458.949891 LT
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471.056812 484.823297 LT
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CP
GS 1 1 1 SC FI GR
NL SD
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NP
500.445094 474.136453 MT
503.819859 474.628594 507.897656 471.535031 508.530422 468.019641 CT
508.530422 468.019641 LT
509.022562 464.574516 506.139984 460.426359 502.765266 459.863859 CT
490.742766 458.106187 LT
490.602141 458.106187 LT
485.961891 458.949891 481.181016 460.145109 479.845172 460.356047 CT
479.845172 460.356047 LT
480.126375 467.105625 483.079313 471.183516 486.383719 471.816281 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
503.538656 434.341969 MT
504.804141 430.967203 LT
507.194578 437.013703 LT
CP
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
441.809109 424.358203 MT
438.785906 422.319281 433.794094 423.303609 431.755172 426.256547 CT
431.755172 426.256547 LT
429.786609 429.279797 430.770891 434.271703 433.723781 436.310625 CT
467.471156 459.090469 LT
467.471156 459.090469 LT
470.494359 461.129437 475.486125 460.145109 479.985797 459.793594 CT
479.985797 459.793594 LT
479.493656 454.168922 478.509328 449.177016 475.556438 447.138094 CT
CP
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GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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425.005734 448.403625 MT
425.005734 415.921219 LT
451.019297 415.921219 LT
451.019297 448.403625 LT
CP
GS 1 1 1 SC FI GR
NP
470.283422 489.463641 MT
479.915484 480.886031 473.517562 493.471219 468.666375 495.650766 CT
468.666375 495.650766 LT
463.744875 497.76 458.471859 496.353844 456.7845 492.486891 CT
456.7845 492.486891 LT
455.026781 488.69025 457.487578 483.768703 462.409031 481.659422 CT
462.409031 481.659422 LT
467.260219 479.479875 479.704547 482.3625 470.283422 489.463641 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
483.149578 487.073156 MT
481.321594 484.049906 476.329828 482.854688 473.376937 484.752984 CT
473.376937 484.752984 LT
470.283422 486.721641 469.088203 491.7135 470.9865 494.807062 CT
478.579641 506.618859 LT
478.579641 506.618859 LT
480.337312 509.642109 485.399437 510.767063 488.422641 508.798406 CT
488.422641 508.798406 LT
491.445844 506.970422 492.641062 501.978516 490.742766 499.025578 CT
CP
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
470.353734 489.463641 MT
467.541469 490.237031 467.541469 491.7135 463.182422 491.221359 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
509.092875 469.214859 MT
496.789172 472.941234 510.780234 474.066141 515.209594 470.902266 CT
515.209594 470.902266 LT
519.498328 467.879016 521.045062 462.676219 518.584313 459.231094 CT
518.584313 459.231094 LT
516.193875 455.786016 510.709969 455.293828 506.421187 458.457703 CT
506.421187 458.457703 LT
502.1325 461.410641 498.054656 473.574 509.092875 469.214859 CT
CP
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NL SD
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510.006844 492.346266 MT
511.69425 495.158625 516.826641 496.142953 519.849844 494.385234 CT
519.849844 494.385234 LT
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522.521531 492.557203 523.857375 487.705922 522.169969 484.542094 CT
514.717453 472.800609 LT
514.717453 472.800609 LT
512.889469 469.847672 507.967969 468.722719 504.874453 470.621062 CT
504.874453 470.621062 LT
501.921562 472.378734 500.726344 477.370641 502.413703 480.253266 CT
CP
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509.092875 469.214859 MT
511.061484 467.316562 512.327016 468.019641 514.155 464.012063 CT
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NL SD
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488.914781 508.095328 MT
493.344141 496.002328 493.625344 510.13425 490.39125 514.282453 CT
490.39125 514.282453 LT
487.016484 518.500969 481.743469 519.696187 478.439062 517.094766 CT
478.439062 517.094766 LT
475.064297 514.563703 474.993984 509.079656 478.298437 504.931453 CT
478.298437 504.931453 LT
481.532531 500.642672 493.906547 497.338172 488.914781 508.095328 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
494.890875 496.424156 MT
491.445844 497.549109 489.196031 502.119141 490.320891 505.493906 CT
490.320891 505.493906 LT
491.305219 508.868719 495.945469 511.259203 499.249875 510.204563 CT
512.608219 505.845469 LT
512.608219 505.845469 LT
516.053297 504.720516 518.303109 500.150484 517.178156 496.705406 CT
517.178156 496.705406 LT
516.193875 493.400906 511.553625 491.010422 508.249172 492.065063 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
488.985094 508.095328 MT
486.875859 510.063984 487.578937 511.399828 483.430828 513.016922 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
521.326312 494.525859 MT
509.022562 498.252187 523.013672 499.377094 527.443031 496.213219 CT
527.443031 496.213219 LT
531.731719 493.189969 533.2785 487.987172 530.81775 484.542094 CT
530.81775 484.542094 LT
528.427312 481.096969 522.943359 480.604828 518.654625 483.768703 CT
518.654625 483.768703 LT
514.365891 486.721641 510.288094 498.884953 521.326312 494.525859 CT
CP
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GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
521.326312 494.525859 MT
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GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
370.236586 165.553594 MT
371.080266 161.897531 368.619539 157.608797 365.174484 156.624422 CT
365.174484 156.624422 LT
361.588828 155.780766 357.229805 158.452453 356.456414 161.967891 CT
353.292586 174.271781 LT
353.292586 174.271781 LT
352.519219 177.927844 354.979969 182.146312 358.425023 182.990062 CT
358.425023 182.990062 LT
362.080969 183.904078 366.229102 181.372922 367.143094 177.998109 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
390.274078 143.547141 MT
392.734805 141.015984 392.594203 135.8835 390.133477 133.422703 CT
390.133477 133.422703 LT
387.532102 130.961906 382.399688 131.032266 380.00925 133.633688 CT
366.861844 147.132844 LT
366.861844 147.132844 LT
364.401117 149.663906 367.213383 154.86675 367.002469 157.116562 CT
367.002469 157.116562 LT
369.533531 159.717984 374.595633 159.647719 377.056359 157.116562 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
385.77443 170.756438 MT
389.149148 171.248578 393.226969 168.155016 393.859734 164.639578 CT
393.859734 164.639578 LT
394.351875 161.1945 391.469297 157.046297 388.094555 156.483797 CT
376.072078 154.726125 LT
375.931453 154.726125 LT
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365.174484 156.976031 LT
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CP
GS 1 1 1 SC FI GR
NL SD
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NP
390.906844 132.508688 MT
392.172352 129.133969 LT
394.562813 135.180469 LT
CP
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
357.651633 187.630406 MT
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367.283695 179.05275 360.88575 191.637984 356.034586 193.817531 CT
356.034586 193.817531 LT
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344.152688 190.653609 LT
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CP
GS 1 1 1 SC FI GR
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370.517812 185.239875 MT
368.689828 182.216672 363.698039 181.021406 360.745125 182.919703 CT
360.745125 182.919703 LT
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365.947875 204.785625 LT
367.705547 207.808828 372.767648 208.933734 375.790852 206.965172 CT
375.790852 206.965172 LT
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CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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357.721945 187.630406 MT
354.909656 188.403797 354.909656 189.880219 350.550633 189.388078 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
396.461063 167.381625 MT
384.157383 171.107953 398.148469 172.232859 402.577781 169.069031 CT
402.577781 169.069031 LT
406.866516 166.045734 408.41325 160.842984 405.952547 157.397812 CT
405.952547 157.397812 LT
403.562109 153.952734 398.078156 153.460594 393.789422 156.624422 CT
393.789422 156.624422 LT
389.500711 159.577359 385.422891 171.740719 396.461063 167.381625 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
395.336203 188.966203 MT
397.023563 191.778609 402.155953 192.762891 405.179156 191.005219 CT
405.179156 191.005219 LT
407.850797 189.177188 409.186641 184.325859 407.499281 181.162031 CT
400.046719 169.420547 LT
400.046719 169.420547 LT
398.218781 166.467609 393.297281 165.342703 390.203766 167.241 CT
390.203766 167.241 LT
387.250875 168.998672 386.055656 173.990625 387.743039 176.873203 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
394.422188 165.834844 MT
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396.390797 163.936547 397.656281 164.639578 399.484266 160.632 CT
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0 SJ 0. 0. 0. SC 0.48 SW ST
NP
376.282969 206.262047 MT
380.712328 194.169047 380.993555 208.300969 377.759437 212.449172 CT
377.759437 212.449172 LT
374.384695 216.667641 369.111656 217.862906 365.80725 215.261484 CT
365.80725 215.261484 LT
362.432508 212.730422 362.362219 207.246422 365.666625 203.098219 CT
365.666625 203.098219 LT
368.900766 198.809391 381.274781 195.504938 376.282969 206.262047 CT
CP
GS 1 1 1 SC FI GR
NL SD
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376.353305 206.262047 MT
374.24407 208.230703 374.947148 209.566594 370.799039 211.183641 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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406.655578 191.14575 MT
394.351875 194.872172 408.342984 195.997078 412.772297 192.833156 CT
412.772297 192.833156 LT
417.061031 189.809953 418.607766 184.607109 416.147063 181.162031 CT
416.147063 181.162031 LT
413.756625 177.716953 408.272672 177.224719 403.983938 180.388641 CT
403.983938 180.388641 LT
399.695203 183.341578 395.617406 195.504938 406.655578 191.14575 CT
CP
GS 1 1 1 SC FI GR
NL SD
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406.655578 191.14575 MT
408.624188 189.247453 409.889719 189.950578 411.717703 185.943 CT
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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353.503523 112.470891 MT
354.769031 109.096078 359.26868 106.916531 362.784047 108.182063 CT
362.784047 108.182063 LT
366.158766 109.377328 368.197687 114.017672 367.002469 117.46275 CT
359.690531 137.641266 LT
359.690531 137.641266 LT
358.425023 141.015984 353.855062 143.195531 350.410031 142.000359 CT
350.410031 142.000359 LT
347.035266 140.734828 344.996391 136.094484 346.191609 132.649313 CT
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NL SD
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NP
289.172625 115.634719 MT
287.977406 112.189641 290.016328 107.619563 293.531672 106.354031 CT
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293.531672 106.354031 LT
296.836078 105.0885 301.476352 107.338406 302.741883 110.783484 CT
310.05382 130.891641 LT
310.05382 130.891641 LT
311.249039 134.266453 309.139828 138.906797 305.765086 140.172328 CT
305.765086 140.172328 LT
302.390344 141.367594 297.820383 139.188047 296.554852 135.742875 CT
CP
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
342.746555 134.899219 MT
344.926055 134.899219 347.105602 138.484922 347.175891 143.125266 CT
347.175891 143.125266 LT
347.105602 145.726687 344.926055 149.312391 342.746555 149.312391 CT
308.43675 149.312391 LT
308.43675 149.312391 LT
306.327539 149.312391 304.148016 145.726687 304.148016 142.070625 CT
304.148016 142.070625 LT
304.148016 138.484922 306.327539 134.899219 308.43675 134.899219 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
351.324 110.924109 MT
352.589531 107.549297 357.159469 105.440016 361.377891 106.986797 CT
361.377891 106.986797 LT
363.979266 107.830547 366.158766 112.541156 364.893258 115.775344 CT
357.581344 136.094484 LT
357.581344 136.094484 LT
356.315789 139.398937 351.745852 141.64875 347.175891 142.070625 CT
347.175891 142.070625 LT
344.223 139.891078 342.746555 134.477344 344.012063 131.172891 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
286.500961 115.845703 MT
285.305742 112.400531 287.414953 107.900813 291.633375 106.354031 CT
291.633375 106.354031 LT
294.234727 105.299391 298.875 107.479031 300.070219 110.85375 CT
307.452445 131.102531 LT
307.452445 131.102531 LT
308.647664 134.407078 306.538453 139.047422 303.374648 142.351875 CT
303.374648 142.351875 LT
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CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
293.10982 154.937016 MT
285.657281 163.866187 LT
284.040234 164.498953 283.126242 163.444312 283.829297 161.967891 CT
291.281836 153.038719 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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NP
359.057789 141.859734 MT
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348.933562 142.070625 LT
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354.487805 157.397812 LT
354.487805 157.397812 LT
357.08918 159.928969 362.151281 159.788344 364.68232 157.186922 CT
364.68232 157.186922 LT
367.143094 154.655859 367.072758 149.523281 364.471406 147.062484 CT
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NL SD
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289.172625 150.156047 MT
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290.578758 160.210125 LT
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305.765086 152.124703 LT
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304.288641 142.070625 LT
301.476352 139.891078 296.41425 140.594203 294.234727 143.476781 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
72.110162 37.725891 MT
71.388973 38.991 70.185404 39.772781 68.716418 39.800297 CT
68.716418 39.800297 LT
66.626285 39.800297 64.931895 38.099766 64.931895 36.002063 CT
64.931895 36.002063 LT
64.931895 33.904266 66.626285 32.203781 68.716418 32.203781 CT
68.716418 32.203781 LT
70.224797 32.239594 71.274551 32.871375 72.110162 34.278234 CT
71.282754 34.278234 LT
70.681635 33.406828 69.933193 32.935641 68.717889 32.897766 CT
68.717889 32.897766 LT
67.009611 32.897766 65.624795 34.287562 65.624795 36.002063 CT
65.624795 36.002063 LT
65.624795 37.716516 67.009611 39.106359 68.717889 39.106359 CT
68.717889 39.106359 LT
69.902215 39.077859 70.822588 38.461172 71.282754 37.725891 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
78.061277 35.002266 MT
78.061277 33.421922 76.780148 32.140687 75.199799 32.140687 CT
75.199799 32.140687 LT
73.619467 32.140687 72.338338 33.421922 72.338338 35.002266 CT
72.338338 35.002266 LT
72.338338 36.582609 73.619467 37.86375 75.199799 37.86375 CT
75.199799 37.86375 LT
76.780148 37.86375 78.061277 36.582609 78.061277 35.002266 CT
CP 77.371764 35.002266 MT
77.371764 33.802687 76.399348 32.830266 75.199799 32.830266 CT
75.199799 32.830266 LT
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74.000268 32.830266 73.027846 33.802687 73.027846 35.002266 CT
73.027846 35.002266 LT
73.027846 36.201797 74.000268 37.174266 75.199799 37.174266 CT
75.199799 37.174266 LT
76.399348 37.174266 77.371764 36.201797 77.371764 35.002266 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
79.431521 37.725891 MT
78.742014 37.725891 LT
78.742014 30.416906 LT
79.431521 30.416906 LT
79.431521 33.140531 LT
79.783506 32.695078 80.644682 32.140687 81.60348 32.140687 CT
81.60348 32.140687 LT
83.183824 32.140687 84.464941 33.421922 84.464941 35.002266 CT
84.464941 35.002266 LT
84.464941 36.582609 83.183824 37.86375 81.60348 37.86375 CT
81.60348 37.86375 LT
80.679598 37.86375 79.929961 37.456406 79.431521 36.863953 CT
CP 79.423324 35.002266 MT
79.423324 36.206344 80.399408 37.182422 81.60348 37.182422 CT
81.60348 37.182422 LT
82.807553 37.182422 83.783648 36.206344 83.783648 35.002266 CT
83.783648 35.002266 LT
83.783648 33.798187 82.807553 32.821969 81.60348 32.821969 CT
81.60348 32.821969 LT
80.399408 32.821969 79.423324 33.798187 79.423324 35.002266 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
89.769387 37.725891 MT
87.562957 32.278641 LT
86.804496 30.416906 LT
85.977082 30.416906 LT
86.813941 32.432672 LT
84.667014 37.725891 LT
85.425475 37.725891 LT
87.217986 33.406453 LT
89.010926 37.725891 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
91.762002 32.278641 MT
91.072482 32.278641 LT
91.072482 37.725891 LT
91.762002 37.725891 LT
91.762002 36.967406 LT
91.96885 37.587938 92.589404 37.86375 93.278924 37.86375 CT
93.278924 37.174266 LT
92.589404 37.174266 91.762002 36.415781 91.762002 35.588344 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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NP
94.169701 37.725891 MT
94.859209 37.725891 LT
94.859209 32.278641 LT
94.169701 32.278641 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
CP 94.169701 39.587578 MT
94.859209 39.587578 LT
94.859209 38.346422 LT
94.169701 38.346422 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
101.209945 32.761313 MT
101.209945 30.485859 97.210799 30.485859 97.210799 32.140687 CT
96.452332 32.140687 LT
96.452332 29.520516 101.899465 29.520516 101.899465 32.761313 CT
101.899465 37.725891 LT
101.209945 37.725891 LT
101.209945 36.863953 LT
100.857984 37.309406 99.996797 37.86375 99.037992 37.86375 CT
99.037992 37.86375 LT
97.457654 37.86375 96.176525 36.582609 96.176525 35.002266 CT
96.176525 35.002266 LT
96.176525 33.421922 97.457654 32.140687 99.037992 32.140687 CT
99.037992 32.140687 LT
99.961875 32.140687 100.711523 32.548078 101.209945 33.140531 CT
CP 101.21816 35.002266 MT
101.21816 33.798187 100.24207 32.821969 99.037992 32.821969 CT
99.037992 32.821969 LT
97.833932 32.821969 96.857836 33.798187 96.857836 35.002266 CT
96.857836 35.002266 LT
96.857836 36.206344 97.833932 37.182422 99.037992 37.182422 CT
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100.24207 37.182422 101.21816 36.206344 101.21816 35.002266 CT
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103.323762 32.278641 MT
102.634254 32.278641 LT
102.634254 39.587578 LT
103.323762 39.587578 LT
103.323762 36.898453 LT
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GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
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126.150094 35.337141 126.838535 36.100594 126.838535 37.174266 CT
126.838535 37.174266 LT
126.838535 38.583234 125.69632 39.725484 124.287352 39.725484 CT
124.287352 39.725484 LT
122.878371 39.725484 121.736156 38.583234 121.736156 37.174266 CT
121.736156 37.174266 LT
121.736156 35.765203 122.878371 34.623047 124.287352 34.623047 CT
124.287352 34.623047 LT
124.504957 34.628344 124.979285 34.775859 125.046211 34.901063 CT
CP 122.425664 37.174266 MT
122.425664 38.202422 123.259172 39.035953 124.287352 39.035953 CT
124.287352 39.035953 LT
125.31552 39.035953 126.149027 38.202422 126.149027 37.174266 CT
126.149027 37.174266 LT
126.149027 36.146062 125.31552 35.312531 124.287352 35.312531 CT
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NL SD
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131.681883 35.337141 132.370313 36.100594 132.370313 37.174266 CT
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129.819129 39.035953 LT
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129.819129 35.312531 LT
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135.31643 39.725484 LT
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149.519098 35.002266 LT
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146.657637 32.821969 LT
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148.837805 35.002266 LT
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CP
GS 0. 0. 0. SC FI GR
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NL SD
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170.59057 36.863953 LT
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168.418629 37.86375 LT
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166.238473 35.002266 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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172.805566 36.967406 LT
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174.3225 37.174266 LT
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CP
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NL SD
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175.902785 36.967406 LT
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177.419719 37.174266 LT
176.730211 37.174266 175.902785 36.415781 175.902785 35.588344 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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200.35132 37.174266 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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203.686641 36.415781 LT
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206.168883 33.795609 LT
206.09993 32.506172 204.169289 32.4855 204.169289 33.864516 CT
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206.858391 33.795609 LT
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210.1545 33.795609 LT
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207.465422 33.864516 LT
207.465422 31.658062 210.844008 31.658062 210.844008 33.795609 CT
210.844008 33.795609 LT
210.844008 35.933062 208.361766 34.967766 208.361766 36.415781 CT
208.361766 36.415781 LT
208.361766 37.518984 209.989008 37.525875 210.085547 36.415781 CT
CP
GS 0. 0. 0. SC FI GR
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0 SJ 0. 0. 0. SC 0.48 SW ST
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221.408977 37.725891 LT
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221.408977 31.106437 220.788422 30.210047 219.616266 30.210047 CT
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NL SD
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225.570398 32.830266 LT
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223.398422 35.002266 LT
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225.570398 37.174266 LT
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274.654195 33.421922 275.935336 32.140687 277.51568 32.140687 CT
277.51568 32.140687 LT
278.4465 32.140687 279.687633 32.692312 280.101328 34.071422 CT
279.342867 34.071422 LT
278.929172 33.106078 278.101758 32.830266 277.51568 32.821969 CT
277.51568 32.821969 LT
276.311602 32.821969 275.412656 33.933516 275.343703 34.760906 CT
CP 279.549727 35.381484 MT
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286.493297 35.002266 LT
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289.354758 37.182422 LT
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NL SD
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302.921484 32.278641 LT
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NL SD
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NL SD
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313.531031 35.002266 LT
313.531031 33.421922 314.812102 32.140687 316.392469 32.140687 CT
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325.76032 35.002266 LT
325.76032 33.421922 327.041437 32.140687 328.621805 32.140687 CT
328.621805 32.140687 LT
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330.035273 33.106078 329.207836 32.830266 328.621805 32.821969 CT
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%%Trailer
SV restore
end
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From balloon-request@cvs.rochester.edu  Tue Nov 28 11:01:43 1995
        id AA08770; Tue, 28 Nov 95 10:59:24 EST
Date: Tue, 28 Nov 1995 10:59:17 -0500
From: MagofChris@aol.com
Message-Id: <951128105915_118593420@emout04.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Xmas time!!
```

I have a reindeer that's pretty good. 1 inch bubble twist split to make lips,
1.5 inch bubble for head,for the antlers make 1-.5-1-.5-1-.5-1-.5-1 ear twist
the .5 inch bubbles, pop middle or third 1 inch bubble to seperate the
antlers. form the body BYFM.
Can anyone help me with the xmas tree in the recent Balloon Magic magazine?
The single 260 tree, for some reason the brain is failing to follow the
instructions given.
Thanks
Chris

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From moss@swift.cvs.rochester.edu Thu Oct 20 18:20:38 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA11465
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 20 Oct 1994 18:20:38
-0400
Received: from cheetah.cvs.rochester.edu. by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA01647; Thu, 20 Oct 94 18:15:28 EDT
Received: by cheetah.cvs.rochester.edu. (5.0/SMI-SVR4)
         id AA03317; Thu, 20 Oct 1994 18:15:25 +0500
Date: Thu, 20 Oct 1994 18:15:23 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: balloon@mother.ent.rochester.edu
Subject: pins, rhinos, pops
In-Reply-To: <01HII78ZDZQ0CMJ4CY@academia.swt.edu>
Message-Id: <Pine.SOL.3.90.941020174032.3197A-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 2918
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On Thu, 20 Oct 1994, Aaron Fasel wrote:
> 	Since I'm new to this list, I'd like to know if the T Myers pins have
> already been discussed. It's a touchy subject unless discussed properly
> (because they can be easily copied if a 'netter isn't careful)

I'm one of the first people to push buying things from the original
creator rather than making a copy, but I'm not sure you could call T.
Meyers the original creator of the lines on the pins they sell, and they
certainly didn't originate the idea of wearing pins that ask for tips. I
do wear at least one tip pin when I'm out ballooning. Mine were all made
by a friend (that's on this list and has so far been completely silent).
I personally don't see a problem with discussing them. If I'm right and
the T. Meyers buttons aren't original they probably wouldn't mind other
people making them. (Anyone want to ask them?)

Anyway, the only one of mine that I can think of offhand is:
	To
	Indicate
	Pleasure
with the initial letters in bold.

> 	Can anyone here make a good Barney, Power Ranger or T Rex with *1
> BALLOON*?

Nevermind one balloon. Can anyone make a Power Ranger? If I'm using one
balloon I just do the brontosaurus after I convince them that one
dinosaur is as good as the next. I'll do a stegasarus with 2 balloons.
I don't know how many clowns and magicians I've seen discussing Barney
balloons. I still haven't heard of one that looks good and is practical
to make. So I'll second (or third, or fourth) that request.

> 	Also, SOMEone must be able to make the infamous Rhinocerous or the

well, I don't like the one I make, but it works. When you fill the
balloon, leave a couple inches uninflated at the nozzle. Make a 1-inch
bubble. The bubble with have the uninflated section sticking out of it.

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    ___ _
    ___)(_)---
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Make a half inch bubble after that and ear twist it. That will force the
first bubble upward. You can then gently squeeze some air from the first
bubble into the remainder of the uninflated balloon. (can't draw that
with ASCII art). You should be able to get teh first bubble to gradually

get narrower.

Then complete the head and make whatever body you want.

> equally-oft heard Duck-Billed Platypus. Anyone? Anyone?

yikes. I've never been asked for one of them.

>   Can we get a good conversation going about popped ballon lines?

POP "goes the weasel"

> I would assume that posting lines would be giving people outside your town
> permission to use them. Am I correct?

Hmmm, I was just discussing something similar to this with another member
of the list. Ideas and lines that *I* post from now on will be free to
be used by others on the list unless I explicitly say otherwise. Seems
reasonable enough to me. Why would I be sharing them if I didn't want
them used? In general though, if there's something that someone posted
that you want to use, it can't hurt to ask them.

Larry

Date: Thu, 4 Jul 1996 13:36:03 -0500 (CDT)
To: balloon@fooledya.com
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: A question

>Actually, I have two questions. First, I've been trying to make a simple
>planet; a 11" round with rings around it. The trouble is, where the two
>ends of the balloon meet, it's not round like the rest of the balloon.
>There's a space, because I tie the nozzle end and the other end together.
> It looks very messy and I was wondering if anyone else has ever come up
>with a way of rounding it out.

If you are talking about making the rings out of a 260, try this: After
you tie the two ends together, push that knot into one end of the balloon
and form an apple twist to hide the knot and pull the ends together into a
more uniform torus (doughnut) shape. This appeared in Balloon Magic very
recently, and the technique is described in the guide, in the "balloon
terms" chapter, under "Geos", where it is used to join a Geo to a 260.
Same idea. At the next revision, a better description will be added to the
"types of twists" chapter.

>   The other question is about making a bowling ball bag. My
>mother's 40th birthday is Monday and I'm getting her a bowling ball. I
>want to wrap it in balloons (actually, cover it) and I'm not sure how to
>make a rectangle shape with them. Any help would be appreciated. Thanks
>in advance.

Uhhhh, you may run into structural failure when you try to move it, if you
don't build this on a base :-)

  There are a few things you can do: search the archives for "basketball."
(maybe they're even in the Sculptures in Messages chapter of the guide by
now - look there first.) There are some great basketball-geodesic-dome
structures that you could twist around the ball as "giftwrapping."
  Also, look in the guide, in the "types of twists" chapter, under weaving,
to give you ideas on how to weave a bag.
  Finally, I'll bet that Larry's birdcage design could be modified to work here.

Hope this helps,

Mark

    o   Balloon HQ
   <M>   The most complete collection of balloon info on the web
 _/ _   http://www.fooledya.com/balloon/index.html

From balloon-request@cvs.rochester.edu Wed Apr 24 22:18:50 1996
        id AA26793; Wed, 24 Apr 96 22:14:33 EDT
Message-Id: <199604250214.TAA24136@gemini.adnc.com>
Date: Wed, 24 Apr 1996 18:32:46 -0700
To: balloon@cvs.rochester.edu, Mark Balzer <m-balzer@students.uiuc.edu>
From: danlorna@adnc.com (Dan Curtis or Lorna Paris)
Subject: The rose stuff

Mark, After all this, I've come to the conclusion that we jsut need to post
it as is, and tell people that if they have any problems to refer to the
photo's on the web site. Several people at the N Cal get together said that
the rose they ended up with was the one I'd made. ('ve even added the little
snippet on where to find a photo of it. Sorry this took so long, but I
wanted to be sure I was doing the right thing here.

Lorna

Well, I'veNEVER even tried explaining this one to anyone. It's a matter of
knack (mostly). So, here goes... you'll understand what I mean by "knack".
when I get to that part of the rose. If you still can't et it. There's a
photo of the rose posted on the web site.

*****Lorna's Long Stemmed Red Rose*****

What you'll need:

1 green 260
1 red 26o

******THE STEM*******

Inflate the green 260, leaving about 4 1/2 inches uninflated.
Make a nine inch bubble, followed by three elephant ears; each made from a
three inch bubble (these are the leaves). Arrange the leaves so the creases
in them face up and down the length of the balloon. You can use two
elephant ears if you like, but three makes for a more stable rose-stem.

you should have about 1 1/2 to 2 inches left.

Send a 1 1/2 to 2 inch bubble to the very end of the balloon. Now you should
have about an inch of uninflate balloon between the stem and this little bubble.

Put the green one aside for a moment.

*****THE FLOWER*****

Inflate a red 260, leaving about 4 inches uninflated.
Make three 2 inch bubbles. Locktwist the second and third bubbles. Take
the first bubble (the one with the knot), and lay it against the other two
attaching it by wrapping the nozzle around the twist two or three times and
hiding the knot and nozzle between the bubbles. Now, this should sort of
look like an elongated cat's nose on a stick.

Get your stem and wrap the uninflated oportion around the twist between the
"cat nose" nad the stick. Be sure you wrap it (firmly and) as close to the
stem as possible. Just make 2 or 3 revolutions.

Now, squeeze the remainder of the red balloon to displace the air a little.

Make an elephant ear with a 6 inch bubble. When you tiwst the following
three elephant ears, Hold the small green bubble against the main part of
the stem.   Make it hug one of the sections of the "cat ear"

Displace the air again. Make another elephant ear with a nine inch bubble.
put one side of the new elephant ear in the space created by the first red
ear (just under it), and then wrap it around one of the two remaining
sections (looking down from the top, I work Clockwise), so that it stretches
(a little) and hugs half of the first ear along with the next section of
"cat nose".

Displace the air again. Make a last elephant ear with a 13 1/2 inch bubble.
Place this ear so that it feeds out of the center of the second red ear
twist, and ends sharng the underside of the first red ear twist with the end
of the second red ear twist. Wit hwhat is left. I try to make a last
little ear twist (if there's enough left with the remainder of the red
balloon. Thn I shove whatever is left behind the last (big) ear twist, so
that it props up the flower.

when I present it, I hold it out, flower first, flat, so that they see the
whol flower. I try to act as high cxlassd as I can because this os the one
flower I make that people think is classy and not at all clowny or
exagerrated. I've had tons of people on dates ask for roses (esp after they
saw them) becasue they wern't "embarrasing" or "childich" like a baloon hat
or animal. No matter how much you insist, they'll still think that way, but
not with this one.

Once in a while, I get a wise guy who can't see it and makes fun of me. I
just say, "Hey, it's a balloon; it's not my fault if you don't have enough
imagination to see it. It's just a tube, what do you expect from me
anyhow?" That's about one in twenty or thirty, and they always laugh when I
use that line or a variation on it.

Have fun with this and let me know what you think!

Lorna
danlorna@adnc.com (Dan Curtis or Lorna Paris)

```
From balloon-request@cvs.rochester.edu  Tue Dec 12 02:10:13 1995
          id AA25153; Tue, 12 Dec 95 02:07:31 EST
Date: Tue, 12 Dec 95 07:07 GMT
From: tonyrene@cix.compulink.co.uk (Tony Brooks)
Subject: Xmas time
To: balloon@cvs.rochester.edu
Reply-To: tonyrene@cix.compulink.co.uk
Message-Id: <memo.124489@cix.compulink.co.uk>

In-Reply-To: <9511281948.AA13631@cvs.rochester.edu>
When doing reindeer, why not blow a 1" bubble into a red 260 and tie off,
tie this onto your normal 260 and apple twist in, then go on to make the
reindeer. This way you get a reindeer with a red nose.  (The apple twist
can be ear twisted to form the lips.

Regards Rene the Magician

186,000 miles per second - not just a good idea
It's the LAW
```

```
From balloon-request@cvs.rochester.edu   Sun Jan 21 23:53:04 1996
          id AA17166; Sun, 21 Jan 96 23:50:47 EST
Message-Id: <199601220450.EAA10808@rocky>
To: danlorna@gemini.adnc.com (Dan Curtis or Lorna Paris)
Cc: balloon@cvs.rochester.edu
Subject: Re: HOOKED
In-Reply-To: Dan Curtis or Lorna Paris's message of
               Sat, 20 Jan 1996 22:51:24 PST.
               <9601210642.AD24339@gemini>
Date: Sun, 21 Jan 1996 23:50:32 -0500
From: "knighton@oswego.Oswego.EDU (Robert C. Knighton)" <knighton@oswego.Oswego.EDU>

In a previous message, Dan Curtis or Lorna Paris writes:
=->    Speaking of stunt mice.  I do a Runaway Ralph mouse.
=->
=-> I just make one of Marving Hardies choppers, and then I make a very small
=-> balloon man (all his limbs ar one to one and a half inch bubbles)...but wit
>>=-> h
=-> a mouse's head.  then I put him on the bike and away he goes.  Kids love it
>>=-> !!!!!
=->
=-> Lorna

You aren't forgetting to add the half a ping-pong ball for a helmet, are you?
Gotta think about safety and all :) *chuckle*.

Another "mouse on a motorcycle" fan :)

Robert.
```

```
From: chris.maxwell@backtrks.com
Date: Mon, 01 Jul 96 21:20:20 -0600
Subject: Salvation Routine
To: balloon@fooledya.com
```

Salvation Twists

The salvation routine consists of three parts. You would have to experiment
with how you put them all together, so, I'll just leave them separate.

The Balloon
I have found that I really like the dog that was in T's #20 newsletter. I like
the way the snout looks, and haven't been able to come up with anything better.
The dog's name is Old Petey, and was designed by Michael "Shag" Orock. Here are
the directions: one inch bubble, ear twisted for nose. Then, two x two and a
half inch bubbles twisted together. Another roughly two inch bubble rolled thru
the two and a half inchers (I believe this is called a "bird body?"). Thus
completes the nose and chops. Next, comes a series of a 2 inch, 1 inch, 1 inch,
and 2 inch. Twist the final two inch back to the back of the chops. Ear twist
each of the two 1 inchers for ears, and the two inchers become the eyes. After
that, you finish it off with a regular dog body. The goal is to make a large,
black, Labrador retriever.

The Story
Many years ago, when horses and buggies were the only mode of transportation,
something incredible happened right here in Leavenworth, Kansas. A father took
his daughter shopping one afternoon, and after awhile they decided to return
home to take 'mother' along with them. They returned home, and while the
daughter waited in the carriage, the father went inside to get the mother.
While he was gone, something scared the horses, who took off running down the
street at full speed. The little girl had a dog who happened to be laying on
the front porch, and the dog took off after the horses. Catching up with the
runaway horses, the dog jumped up, grabbed one of the halters, and began trying
to stop the horses before they turned a corner to sharp and upset the carriage,
which could have killed the little girl. The horses slowed, and eventually
stopped, but the dog was trampled to death in the process.

BTW, the dog story can also be used when encouraging children to be loyal to
their siblings (the dog was willing to be greatly 'inconvenienced'/give of
himself for the girl, surely we should be willing to help our siblings out!?)

The Message
Most anyone using the salvation story should know the main points; the easiest
way I can think of to tie the story to the message is the fact that Someone has
already died to save our lives. We, like the little girl, are also on our way
towards death, and we don't know when the carriage will 'roll over'. However,
in order to be saved, we must accept what Jesus did for us and we need to allow
Him to save us.

Try it, and let me know how it works for ya'll.

Christopher
chris.maxwell@backtrks.com

Santa Hat
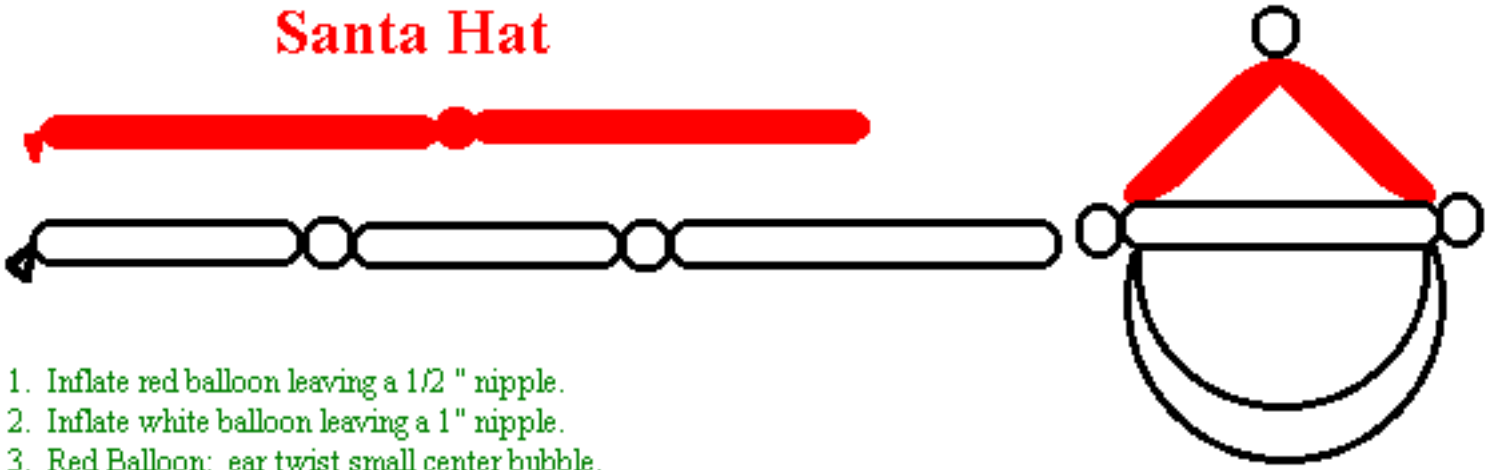
1. Inflate red balloon leaving a 1/2 " nipple.
2. Inflate white balloon leaving a 1" nipple.
3. Red Balloon: ear twist small center bubble.
4. White Balloon: ear twist small bubbles.
5. Wrap nozzle around 2nd small bubble.
6. Connect nipple end to other small bubble.
7. Attaching the Red Balloon: Connect each end to each whith (small) bubble.

This is SOOOOOOOOOO Easy and Fast!!!!!

```
From joker@mother.ent.rochester.edu  Tue Dec 15 22:31:16 1992
Received: from mother.ent.rochester.edu by roundtable.cif.rochester.edu (4.1/1.15) id
AA07451; Tue, 15 Dec 92 22:31:16 EST
Received: by mother.ent.rochester.edu (5.57/Ultrix3.0-C)
        id AA14485; Tue, 15 Dec 92 22:28:50 -0500
Message-Id: <9212160328.AA14485@mother.ent.rochester.edu>
From: joker@mother.ent.rochester.edu (Larry Moss)
Date: Tue, 15 Dec 1992 22:28:50 -0500
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@cif.cif.rochester.edu
Subject: Santa
```

This is Santa's head with hat and beard. It requires one small heart
balloon (can't remember the size offhand) and 2 260's. I use a pink heart
to contrast the red hat and white beard. If you don't use heart
balloons, maybe this will get you interested in trying them. They're
great for making heads on large balloon sculptures.

These instuctions are going to be almost as sketchy as the last ones so I
can get back to studying.

Leave enough space in the heart balloon to make a twist in it. Twist one
of the bumps (is there a better word to use?) in the heart to form the
nose. No locking twist is needed. The nose should stay until we get to
secure it later.

To make the hat, fill the red 260 almost completely. Make the bubbles
in the picture. Lock twist A and B. Then twist together C and D.
Bubble 1 gets an ear twist.

Make the beard out of the white balloon as in the picture. After you
make the thing that looks kind of like a 'W' with a bar across the top,
lock twist E and F.

To place the beard on Santa, push the nose between the bubbles labelled 2
and 3 and pull downward on those bubbles until the twist between them is
securing the nose. Slide the hat on top of Santa's head and twist all
the lose ends of the beard and hat together so they stay on. If done
correctly, the white bubble across Santa's forehead looks like the white
part of his hat.

This will actually look better with balloons than it does on paper.

```
%!PS-Adobe-2.0 EPSF-2.0
%%BoundingBox: 14 11 575 796
%%Title: santa.ffp
%%Creator: ProVector
%%CreationDate: Tue Dec 15 22:07:02 1992
%%Pages: 1
%%EndComments
%%BeginProcSet: PV_Def
20 dict begin
/SV save def
/CL { eoclip } bind def
/CP { closepath } bind def
/CT { curveto } bind def
/FI { eofill } bind def
/LJ { setlinejoin } bind def
/LT { lineto } bind def
/LW { setlinewidth } bind def
/MT { moveto } bind def
```

```
/NL [ ] def
/NP { newpath } bind def
/GR { grestore } bind def
/GS { gsave } bind def
/SC { setrgbcolor } bind def
/SD { 0 setdash } bind def
/SJ { setlinejoin } bind def
/ST { stroke } bind def
/SW { setlinewidth } bind def
%%EndProcSet: PV_Def
%%EndProlog
%%BeginSetup
NP 0 0 MT
0 792 LT
612 792 LT
612 0 LT
0 0 LT CL NP
%%EndSetup
%%Page: 1 1
NP
363.586828 490.84193 MT
348.910711 492.876445 LT
347.534789 495.928172 347.534789 496.94543 351.203836 497.962688 CT
365.88 494.910914 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
273.916008 625.017938 MT
216.826734 783.563011 300.421734 795.374796 330.231914 746.018414 CT
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
274.197234 624.103922 MT
299.437453 577.770797 324.677672 582.692391 329.106984 624.103922 CT
330.161602 684.990867 LT
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
356.526727 719.090355 MT
356.526727 733.85509 346.191609 745.877795 333.466031 745.877795 CT
333.466031 745.877795 LT
320.740453 745.877795 310.405336 733.85509 310.405336 719.090355 CT
310.405336 719.090355 LT
310.405336 704.325621 320.740453 692.302922 333.466031 692.302922 CT
333.466031 692.302922 LT
346.191609 692.302922 356.526727 704.325621 356.526727 719.090355 CT
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
92.875523 533.898469 MT
89.289867 533.898469 85.704211 537.484172 85.704211 541.140188 CT
85.704211 541.140188 LT
85.704211 544.725937 89.289867 548.311641 92.875523 548.311641 CT
209.303883 548.311641 LT
209.303883 548.311641 LT
212.889539 548.311641 216.545508 544.725937 216.545508 541.140188 CT
216.545508 541.140188 LT
216.545508 537.484172 212.889539 533.898469 209.303883 533.898469 CT
CP
```

```
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
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222.029461 533.898469 218.443805 537.484172 218.443805 541.140188 CT
218.443805 541.140188 LT
218.443805 544.725937 222.029461 548.311641 225.615117 548.311641 CT
342.0435 548.311641 LT
342.0435 548.311641 LT
345.629156 548.311641 349.285102 544.725937 349.285102 541.140188 CT
349.285102 541.140188 LT
349.285102 537.484172 345.629156 533.898469 342.0435 533.898469 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
74.525402 534.601547 MT
70.939746 534.601547 67.283783 538.18725 67.283783 541.843266 CT
67.283783 541.843266 LT
67.283783 545.429016 70.939746 549.014719 74.525402 549.014719 CT
79.37659 549.014719 LT
79.37659 549.014719 LT
82.962246 549.014719 86.618209 545.429016 86.618209 541.843266 CT
86.618209 541.843266 LT
86.618209 538.18725 82.962246 534.601547 79.37659 534.601547 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
359.409305 542.686969 MT
357.229805 539.804344 352.237992 538.960641 349.285102 541.140188 CT
349.285102 541.140188 LT
346.4025 543.249469 345.629156 548.241328 347.738344 551.194266 CT
441.246656 679.998984 LT
441.246656 679.998984 LT
443.426156 682.881609 448.417969 683.725312 451.300547 681.616055 CT
451.300547 681.616055 LT
454.253438 679.436508 455.026781 674.444625 452.917594 671.491688 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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458.190609 677.256961 MT
454.675266 676.342945 450.175641 678.803742 449.191312 682.248844 CT
449.191312 682.248844 LT
448.277344 685.764258 450.878672 690.193664 454.32375 691.10768 CT
461.073234 693.006 LT
461.073234 693.006 LT
464.588531 693.920004 469.017891 691.529531 470.072531 688.08443 CT
470.072531 688.08443 LT
470.9865 684.569016 468.385125 680.139586 464.940094 679.225594 CT
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467.049328 676.20232 MT
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543.332391 546.413344 LT
543.332391 546.413344 LT
544.879125 543.108844 543.121453 538.327875 539.887313 536.781094 CT
539.887313 536.781094 LT
536.582906 535.304625 531.802031 537.062344 530.255297 540.296484 CT
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GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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NL SD
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540.520078 537.695109 LT
542.769937 540.507422 547.832016 541.069875 550.574016 538.820016 CT
560.557594 530.804906 LT
560.557594 530.804906 LT
563.369859 528.555047 563.932312 523.492828 561.612188 520.680516 CT
561.612188 520.680516 LT
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136.114324 316.997531 MT
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128.943012 324.239297 LT
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252.542695 331.410703 LT
252.542695 331.410703 LT
256.128352 331.410703 259.784297 327.825 259.784297 324.239297 CT
259.784297 324.239297 LT
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CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
261.612305 317.067891 MT
258.026648 317.067891 254.37068 320.653594 254.37068 324.309563 CT
254.37068 324.309563 LT
254.37068 327.895359 258.026648 331.481063 261.612305 331.481063 CT
266.463469 331.481063 LT
266.463469 331.481063 LT
270.049125 331.481063 273.705094 327.895359 273.705094 324.309563 CT
273.705094 324.309563 LT
273.705094 320.653594 270.049125 317.067891 266.463469 317.067891 CT
CP
GS 1 1 0. SC FI GR
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NL SD
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NP
185.329207 477.159703 MT
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180.40773 486.159141 LT
177.032988 487.143469 172.603641 484.752984 171.478734 481.378219 CT
127.958707 338.160328 LT
127.958707 338.160328 LT
126.974414 334.71525 129.364852 330.285797 132.669281 329.160891 CT
132.669281 329.160891 LT
136.254938 328.10625 140.754586 330.567047 141.738879 333.941859 CT
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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185.047992 484.260844 MT
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190.742859 493.189969 187.719645 497.689734 183.501234 498.04125 CT
183.501234 498.04125 LT
179.353113 498.463125 175.556543 494.455547 175.064391 489.182437 CT
175.064391 489.182437 LT
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197.562633 485.38575 LT
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188.141484 489.041812 LT
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116.147133 317.630297 MT
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99.976535 303.498375 98.289164 305.396672 99.976535 309.193359 CT
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GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
136.044023 322.130016 MT
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128.872711 329.371781 LT
128.872711 332.957484 132.458367 336.543187 136.044023 336.543187 CT
252.472383 336.543187 LT
252.472383 336.543187 LT
256.058039 336.543187 259.714008 332.957484 259.714008 329.371781 CT
259.714008 329.371781 LT
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CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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129.786691 334.082484 124.72459 334.644891 121.982613 332.395078 CT
111.999023 324.379922 LT
111.999023 324.379922 LT
109.186746 322.130016 108.624293 317.067891 110.94443 314.255484 CT
110.94443 314.255484 LT
113.194242 311.513531 118.256355 310.951031 120.99832 313.200938 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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377.126672 475.191094 MT
376.493906 478.776797 379.376508 482.925 383.307867 486.772992 CT
383.307867 486.772992 LT
386.477484 484.260844 390.625594 481.378219 391.328695 477.792469 CT
411.577078 367.689797 LT
411.577078 367.689797 LT
412.209844 364.104094 409.327266 359.955891 405.811922 359.323125 CT
405.811922 359.323125 LT
402.226266 358.62 398.078156 361.502672 397.375078 365.088375 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
420.927937 368.885063 MT
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404.863406 360.634594 LT
404.863406 366.738047 406.093172 369.377203 407.077453 372.822281 CT
432.247359 460.285734 LT
432.247359 460.285734 LT
433.231641 463.801125 437.661 466.261922 443.388281 463.376344 CT
443.388281 463.376344 LT
444.621375 464.223 447.082125 459.793594 446.097797 456.348469 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
438.801984 445.065938 MT
436.967438 448.117664 437.731266 459.371719 442.012359 464.393578 CT
442.012359 464.393578 LT
444.551063 461.832516 449.121047 459.723281 450.386531 456.348469 CT
480.8295 373.173797 LT
480.8295 373.173797 LT
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482.094984 369.798984 488.792531 362.669062 476.540719 363.963469 CT
476.540719 363.963469 LT
473.166 362.697938 468.596063 364.807125 467.330531 368.181938 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
491.727047 368.814703 MT
490.742766 365.369625 486.313406 362.908828 482.798063 363.963469 CT
482.798063 363.963469 LT
479.353031 364.94775 476.892281 369.377203 477.946875 372.822281 CT
507.194578 474.136453 LT
507.194578 474.136453 LT
508.178906 477.581578 512.608219 480.042328 510.348094 482.704008 CT
510.348094 482.704008 LT
519.568594 478.003406 522.029391 473.574 520.97475 470.128875 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
393.719109 480.534516 MT
390.133477 480.815719 386.829047 484.612359 383.307867 486.772992 CT
383.307867 486.772992 LT
387.321188 491.854125 391.18807 495.158625 394.77375 494.877375 CT
505.296328 486.721641 LT
505.296328 486.721641 LT
508.881984 486.440391 512.186391 482.64375 511.905188 478.987734 CT
511.905188 478.987734 LT
511.69425 475.401984 507.827344 472.097531 504.241688 472.378734 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
365.80725 484.401469 MT
362.221594 485.104547 359.339016 489.252703 360.04207 492.838453 CT
360.04207 492.838453 LT
360.674836 496.353844 364.822945 499.236516 368.408602 498.603703 CT
379.16557 496.635094 LT
379.16557 496.635094 LT
382.751227 495.932016 385.633828 491.783813 384.93075 488.198109 CT
384.93075 488.198109 LT
384.297984 484.682672 380.149875 481.800047 376.564219 482.432813 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
374.455008 498.674016 MT
374.103469 502.259766 377.267297 506.267297 380.782617 506.618859 CT
380.782617 506.618859 LT
384.368273 507.040687 388.375781 503.876859 388.797633 500.291109 CT
389.289773 496.213219 LT
389.289773 496.213219 LT
389.641313 492.627516 386.477484 488.619937 384.683789 485.755711 CT
384.683789 485.755711 LT
379.376508 487.846547 375.369 491.010422 374.947148 494.596172 CT
CP
GS 1 1 1 SC FI GR
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
67.002557 542.124516 MT
63.909053 546.343031 LT
63.557514 535.164 LT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
311.178703 591.762141 MT
309.631969 589.301344 LT
314.131594 588.949828 LT
310.05382 588.246703 LT
309.772594 588.949828 LT
313.498852 589.301344 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
63.557514 175.818563 MT
62.362295 179.263734 64.612119 183.763453 67.916549 184.958625 CT
67.916549 184.958625 LT
71.361592 186.22425 75.931541 183.974344 77.197066 180.599531 CT
114.389461 75.066891 LT
114.389461 75.066891 LT
115.514379 71.621813 128.521172 68.598516 109.960125 65.926828 CT
109.960125 65.926828 LT
106.515082 64.731562 101.945133 66.911109 100.749914 70.285922 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
139.770293 70.075031 MT
137.871996 66.981469 132.950508 65.715937 121.138934 68.598516 CT
121.138934 68.598516 LT
126.833801 69.512531 125.56827 74.434125 127.466566 77.527687 CT
181.954477 167.8035 LT
181.954477 167.8035 LT
183.852773 170.897063 188.774262 172.162594 191.797453 170.193938 CT
191.797453 170.193938 LT
194.890957 168.365906 196.156488 163.444312 194.258203 160.35075 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
75.298781 176.662313 MT
71.713125 176.943563 65.455805 178.560609 68.619621 184.325859 CT
68.619621 184.325859 LT
68.900848 187.981922 72.76773 191.286375 76.353387 191.005219 CT
186.875965 182.849437 LT
186.875965 182.849437 LT
190.461621 182.568187 193.766051 178.7715 193.484824 175.115531 CT
193.484824 175.115531 LT
193.27391 171.529828 189.407016 168.225281 185.821359 168.506531 CT
CP
GS 1 1 1 SC FI GR
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
56.034668 194.801813 MT
55.683129 198.387516 58.846945 202.395094 62.362295 202.746609 CT
62.362295 202.746609 LT
65.947951 203.168484 69.955447 200.004656 70.377293 196.418953 CT
70.869439 192.341016 LT
70.869439 192.341016 LT
71.220973 188.755313 68.057162 184.747734 65.455805 178.560609 CT
65.455805 178.560609 LT
60.956156 183.974344 56.94866 187.138266 56.526814 190.723969 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
46.472918 186.435141 MT
22.217008 189.106828 LT
22.779463 192.973781 LT
21.02179 192.973781 LT
50.621027 189.106828 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
47.38691 180.529266 MT
43.801254 181.232297 40.918667 185.3805 41.621733 188.966203 CT
41.621733 188.966203 LT
42.254496 192.481641 46.402608 195.364313 49.988268 194.731547 CT
60.745236 192.762891 LT
60.745236 192.762891 LT
64.330893 192.059766 67.213477 187.911656 66.51041 184.325859 CT
66.51041 184.325859 LT
65.877645 180.810516 61.729535 177.927844 58.143879 178.560609 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
61.940455 202.184203 MT
59.550018 206.121422 LT
67.846242 206.121422 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
120.154641 75.488766 MT
120.084328 71.903063 116.428371 68.317266 120.787395 67.895484 CT
120.787395 67.895484 LT
109.186746 68.52825 105.671402 72.184219 105.741703 75.770016 CT
107.218148 146.640703 LT
107.218148 146.640703 LT
107.288461 150.226406 110.94443 153.812109 114.530086 153.671484 CT
114.530086 153.671484 LT
123.388758 155.148 121.701398 149.945156 121.631086 146.359453 CT
CP
GS 1 1 1 SC FI GR
NL SD
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0 SJ 0. 0. 0. SC 0.48 SW ST
NP
130.56007 76.543406 MT
130.349145 72.957609 126.552574 69.582891 121.138934 67.895484 CT
121.138934 67.895484 LT
119.310961 69.934406 115.936219 73.731 116.147133 77.387062 CT
120.014027 145.586062 LT
120.014027 145.586062 LT
120.224941 149.171766 118.256355 149.453016 120.787395 154.374609 CT
120.787395 154.374609 LT
131.263148 152.195063 134.637879 148.398375 134.426953 144.742312 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
480.056109 136.656891 MT
480.056109 177.295078 466.627453 210.339984 450.105328 210.339984 CT
450.105328 210.339984 LT
433.583203 210.339984 420.154547 177.295078 420.154547 136.656891 CT
420.154547 136.656891 LT
420.154547 96.018703 433.583203 62.973891 450.105328 62.973891 CT
450.105328 62.973891 LT
466.627453 62.973891 480.056109 96.018703 480.056109 136.656891 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
390.344367 161.967891 MT
389.149148 165.412969 391.398984 169.912688 394.703391 171.107953 CT
394.703391 171.107953 LT
398.148469 172.373484 402.718406 170.123672 403.983938 166.748859 CT
441.176344 61.216125 LT
441.176344 61.216125 LT
442.30125 57.771047 455.308031 54.747844 436.746984 52.076062 CT
436.746984 52.076062 LT
433.301953 50.880891 428.731969 53.060437 427.53675 56.43525 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
466.557141 56.224266 MT
464.658891 53.130703 459.737391 51.865172 447.925828 54.747844 CT
447.925828 54.747844 LT
453.620672 55.661859 452.355141 60.583359 454.253438 63.676922 CT
508.741359 153.952734 LT
508.741359 153.952734 LT
510.639609 157.046297 515.561109 158.311828 518.584313 156.343172 CT
518.584313 156.343172 LT
521.677828 154.515234 522.943359 149.593641 521.045062 146.500078 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
382.821539 180.951141 MT
382.47 184.536844 385.633828 188.544422 389.149148 188.895938 CT
389.149148 188.895938 LT
392.734805 189.317813 396.742313 186.153891 397.164188 182.568187 CT
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397.656281 178.490344 LT
397.656281 178.490344 LT
398.007844 174.904547 394.844016 170.897063 392.242687 164.709937 CT
392.242687 164.709937 LT
387.743039 170.123672 383.735531 173.2875 383.31368 176.873203 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
373.259789 172.584375 MT
349.003875 175.256156 LT
349.566328 179.123109 LT
347.808656 179.123109 LT
377.407898 175.256156 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
374.173781 166.6785 MT
370.588125 167.381625 367.705547 171.529828 368.408602 175.115531 CT
368.408602 175.115531 LT
369.041367 178.630969 373.189477 181.513547 376.775133 180.880781 CT
387.532102 178.912125 LT
387.532102 178.912125 LT
391.117758 178.209094 394.000359 174.060891 393.297281 170.475188 CT
393.297281 170.475188 LT
392.664516 166.95975 388.516406 164.077078 384.93075 164.709937 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
388.72732 188.333438 MT
386.336883 192.27075 LT
394.633125 192.27075 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
446.9415 61.638 MT
446.871188 58.052297 443.215219 54.466594 447.574266 54.044719 CT
447.574266 54.044719 LT
435.973641 54.677484 432.45825 58.333547 432.528563 61.91925 CT
434.005031 132.789938 LT
434.005031 132.789938 LT
434.075344 136.375641 437.731266 139.961437 441.316922 139.820812 CT
441.316922 139.820812 LT
450.175641 141.297234 448.488234 136.094484 448.417969 132.508688 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
515.279906 157.538437 MT
511.764563 157.889953 508.389797 161.686641 508.741359 165.342703 CT
508.741359 165.342703 LT
509.022562 168.858047 513.030047 172.162594 516.545438 171.881344 CT
521.466937 171.389203 LT
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521.466937 171.389203 LT
524.982234 171.107953 528.357 167.170641 528.07575 163.655297 CT
528.07575 163.655297 LT
527.724234 159.999234 523.71675 156.765047 520.131094 157.116562 CT
CP
GS 0.866667 0.866667 0.866667 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
453.269109 323.465906 MT
454.604953 326.910984 452.566078 331.621688 449.261625 332.887219 CT
449.261625 332.887219 LT
445.957219 334.223016 441.387281 332.113828 439.981125 328.949906 CT
384.157383 190.161469 LT
384.157383 190.161469 LT
382.821539 186.786656 384.860437 182.216672 387.95393 180.740156 CT
387.95393 180.740156 LT
391.469297 179.404359 396.179859 181.443281 397.445391 184.747734 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
453.620672 330.567047 MT
447.714891 319.317703 458.331234 328.528125 459.174937 333.660609 CT
459.174937 333.660609 LT
460.088906 339.003984 457.557844 343.784953 453.269109 344.488078 CT
453.269109 344.488078 LT
449.191312 345.191109 445.113516 341.605406 444.269812 336.402656 CT
444.269812 336.402656 LT
443.215219 331.129453 449.121047 319.739578 453.620672 330.567047 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
453.620672 330.567047 MT
453.761297 333.519984 455.237719 333.8715 453.690984 338.019703 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
504.59325 175.959188 MT
505.647844 172.514109 510.288094 170.264203 513.662859 171.600094 CT
513.662859 171.600094 LT
517.107891 172.725 519.287391 177.084188 518.092172 180.529266 CT
466.205625 330.637313 LT
466.205625 330.637313 LT
465.080719 334.082484 460.370156 336.262031 457.206328 335.137031 CT
457.206328 335.137031 LT
453.761297 333.8715 451.511484 329.301516 452.706703 325.926703 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
370.658414 170.756438 MT
356.456414 160.561734 LT
353.222297 158.100937 351.675539 160.069594 353.714437 163.795922 CT
368.760141 174.693656 LT
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
385.704117 172.935984 MT
388.586695 175.045172 389.641313 180.037125 387.461813 182.919703 CT
387.461813 182.919703 LT
385.563492 185.943 380.642016 186.927281 377.689125 184.958625 CT
367.002469 177.857578 LT
367.002469 177.857578 LT
364.049555 175.818563 362.994961 170.897063 365.104172 167.8035 CT
365.104172 167.8035 LT
367.072758 164.850469 372.06457 163.936547 375.017461 165.834844 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
390.69593 173.428125 MT
387.110273 173.779641 383.946445 177.646594 384.297984 181.372922 CT
384.297984 181.372922 LT
384.6495 184.888359 388.375781 188.192813 392.03175 187.841297 CT
507.967969 177.716953 LT
507.967969 177.716953 LT
511.483313 177.365344 514.858078 173.428125 514.576828 169.912688 CT
514.576828 169.912688 LT
514.155 166.256719 510.217781 163.022531 506.632125 163.303687 CT
CP
GS 1 1 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
457.346953 62.692641 MT
457.136016 59.106938 453.339469 55.732125 447.925828 54.044719 CT
447.925828 54.044719 LT
446.097797 56.083641 442.723078 59.880328 442.934016 63.536297 CT
446.800875 131.735297 LT
446.800875 131.735297 LT
447.011813 135.321094 445.043203 135.60225 447.574266 140.523844 CT
447.574266 140.523844 LT
458.049984 138.344297 461.42475 134.547703 461.213813 130.891641 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
465.432234 141.93 MT
465.432234 152.054438 458.682797 160.280484 450.386531 160.280484 CT
450.386531 160.280484 LT
442.160625 160.280484 435.411187 152.054438 435.411187 141.93 CT
435.411187 141.93 LT
435.411187 131.805656 442.160625 123.50925 450.386531 123.50925 CT
450.386531 123.50925 LT
458.682797 123.50925 465.432234 131.805656 465.432234 141.93 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
402.085641 162.811547 MT
398.499984 163.092797 392.242687 164.709937 395.406469 170.475188 CT
395.406469 170.475188 LT
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395.687719 174.131156 399.554625 177.435703 403.140281 177.154453 CT
513.662859 168.998672 LT
513.662859 168.998672 LT
517.248516 168.717422 520.552922 164.920828 520.271719 161.264766 CT
520.271719 161.264766 LT
520.060781 157.679062 516.193875 154.374609 512.608219 154.655859 CT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
133.161434 594.082312 MT
14.48324 713.817234 85.282377 759.869133 133.161434 727.597652 CT
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
133.231734 594.152625 MT
251.90993 713.887547 181.110797 759.939445 133.231734 727.667965 CT
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
132.809895 594.574477 MT
131.263148 592.113656 LT
135.762785 591.762141 LT
131.684977 591.059062 LT
131.403762 591.762141 LT
135.13002 592.113656 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
66.786861 14.905219 MT
65.654842 12.945328 60.628066 12.945328 60.628066 17.134359 CT
60.628066 17.134359 LT
60.628066 20.869594 64.363236 20.869594 65.794477 20.276203 CT
65.794477 20.276203 LT
66.183451 20.111578 66.422813 20.276203 66.422813 20.555391 CT
66.632262 20.555391 LT
66.632262 18.460922 LT
66.422813 18.460922 LT
65.804449 21.014203 61.814947 20.849625 61.814947 17.134359 CT
61.814947 17.134359 LT
61.814947 13.359234 65.734629 13.703297 66.63726 15.054797 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
67.34898 16.105641 MT
67.348254 19.321594 71.972479 19.321594 71.973521 16.105641 CT
71.973521 16.105641 LT
71.97017 12.811078 67.345436 12.800062 67.34898 16.105641 CT
CP 68.169984 16.105641 MT
68.159854 18.962203 71.155746 18.962203 71.152518 16.105641 CT
71.152518 16.105641 LT
71.155746 13.160625 68.159854 13.1715 68.169984 16.105641 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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NP
73.919455 12.619922 MT
73.921969 11.999344 74.264209 11.930438 74.54001 11.930438 CT
74.54001 11.792484 LT
72.47148 11.792484 LT
72.47148 11.930438 LT
72.47148 11.930438 LT
72.747287 11.930438 73.092041 11.999344 73.092041 12.619922 CT
73.092041 17.377688 LT
73.092041 18.009281 72.6541 17.9535 72.387691 17.882109 CT
72.352008 18.015328 LT
73.919455 18.411984 LT
73.919455 17.722406 LT
74.711648 18.730031 76.871215 19.098047 77.02224 16.343391 CT
77.02224 16.343391 LT
77.179488 13.475672 74.484012 13.375828 73.919455 14.27475 CT
CP 73.919455 17.446594 MT
74.354824 18.103359 76.194838 18.342938 76.194838 15.929719 CT
76.194838 15.929719 LT
76.194838 13.438781 74.376357 13.755891 73.919455 14.688516 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
82.177646 18.411984 MT
82.177646 18.271453 LT
82.000916 18.274031 81.891463 18.156844 81.690627 17.860359 CT
79.553156 12.654469 LT
79.106936 11.538891 77.932799 11.573766 77.932799 12.20625 CT
77.932799 12.20625 LT
77.932799 13.149703 78.956725 12.129141 79.351729 13.021734 CT
79.777641 13.984172 LT
78.174129 17.860359 LT
78.00743 18.263344 77.898328 18.274031 77.725951 18.274031 CT
77.725951 18.411984 LT
79.346297 18.411984 LT
79.346297 18.274031 LT
79.17392 18.274031 78.777246 18.280687 78.932596 17.860359 CT
80.159191 14.910516 LT
81.368531 17.846625 LT
81.507059 18.1845 81.167045 18.274781 80.98759 18.271453 CT
80.98759 18.411984 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
83.952545 14.688516 MT
83.952545 14.067984 84.501645 13.998938 84.777439 13.998938 CT
84.777439 13.861078 LT
82.295215 13.861078 LT
82.295215 13.998938 LT
82.295215 13.998938 LT
82.57101 13.998938 83.125131 14.067984 83.125131 14.688516 CT
83.125131 17.411109 LT
83.125131 17.411109 LT
83.125131 18.04275 82.687195 17.986969 82.420787 17.915625 CT
82.385098 18.048844 LT
83.952545 18.445453 LT
83.952545 17.5845 LT
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84.774979 18.642281 85.678887 18.630094 85.678887 17.941406 CT
85.678887 17.941406 LT
85.678887 17.443266 84.949359 17.441109 84.836684 17.746125 CT
84.836684 17.746125 LT
84.739723 18.008672 84.369281 18.098109 83.952545 17.170781 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
87.131742 17.411109 MT
87.131742 18.04275 86.693801 17.986969 86.427398 17.915625 CT
86.391703 18.048844 LT
87.95915 18.445453 LT
87.95915 14.688516 LT
87.95915 14.688516 LT
87.95915 14.067984 88.50825 13.998938 88.784051 13.998938 CT
88.784051 13.861078 LT
86.301814 13.861078 LT
86.301814 13.998938 LT
86.301814 13.998938 LT
86.577621 13.998938 87.131742 14.067984 87.131742 14.688516 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
87.95915 20.066859 MT
87.95915 19.724109 87.681322 19.446188 87.33859 19.446188 CT
87.33859 19.446188 LT
86.995869 19.446188 86.718041 19.724109 86.718041 20.066859 CT
86.718041 20.066859 LT
86.718041 20.409516 86.995869 20.687391 87.33859 20.687391 CT
87.33859 20.687391 LT
87.681322 20.687391 87.95915 20.409516 87.95915 20.066859 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
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93.720428 17.722406 MT
93.720428 18.067125 LT
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91.376092 18.411984 LT
90.475869 18.420375 89.721275 17.860359 89.721275 16.894969 CT
89.721275 16.894969 LT
89.721275 16.067578 90.177293 15.592875 90.755543 15.447047 CT
90.755543 15.447047 LT
89.583375 14.619609 89.583375 13.998938 90.34183 13.861078 CT
90.34183 13.861078 LT
88.475443 12.49275 89.889053 11.519859 91.169244 11.654625 CT
91.169244 11.654625 LT
92.479313 11.792484 93.513574 12.137344 93.65148 13.447313 CT
93.65148 13.447313 LT
93.65148 14.412703 93.237779 14.412703 91.582951 14.412703 CT
91.582951 14.412703 LT
89.790223 14.412703 90.34183 15.171234 90.962391 15.378094 CT
90.962391 15.378094 LT
92.122359 15.054891 93.979693 15.780938 92.893025 17.722406 CT
CP 90.548689 13.861078 MT
88.6321 11.777062 92.339701 12.007172 92.893025 12.550969 CT
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92.893025 12.550969 LT
94.00435 13.64325 93.237779 13.861078 90.548689 13.861078 CT
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91.785199 18.848813 89.896248 18.21 90.558176 16.538625 CT
90.558176 16.538625 LT
91.237805 14.822625 93.116555 15.450047 92.438689 17.174672 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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96.012527 14.688516 MT
96.012527 14.688516 LT
96.012527 14.067984 96.354762 13.998938 96.630562 13.998938 CT
96.630562 13.861078 LT
94.562033 13.861078 LT
94.562033 13.998938 LT
94.562033 13.998938 LT
94.837846 13.998938 95.185113 14.067984 95.185113 14.688516 CT
95.185113 19.653094 LT
95.185113 19.653094 LT
95.185113 20.284688 94.747166 20.228953 94.480758 20.157516 CT
94.445068 20.290734 LT
96.012527 20.687391 LT
96.010008 17.722406 LT
96.678809 18.724172 98.699098 18.734766 98.699098 17.170781 CT
98.699098 14.481656 LT
98.699098 14.481656 LT
98.73082 14.069156 99.043852 13.998938 99.319652 13.998938 CT
99.319652 13.861078 LT
97.251123 13.861078 LT
97.251123 13.998938 LT
97.52693 13.998938 97.903406 14.069156 97.871684 14.481656 CT
97.871684 17.170781 LT
97.871684 17.170781 LT
97.871684 18.301547 96.445377 18.103359 96.010008 17.446594 CT
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GS 0. 0. 0. SC FI GR
NL SD
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101.121738 14.689078 MT
101.120883 14.103047 101.779277 14.015438 102.229793 14.550609 CT
102.298746 14.481656 LT
101.620758 13.442203 100.29252 13.450172 100.294324 14.689078 CT
100.299164 17.998219 LT
99.747563 17.998219 LT
100.299164 18.549844 100.643918 18.963609 101.126578 19.653094 CT
101.126578 18.274031 LT
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102.091887 17.998219 LT
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NL SD
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108.763875 19.549688 LT
110.491359 20.690953 LT
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110.491359 14.071547 111.040441 14.002594 111.316254 14.002594 CT
111.316254 13.864641 LT
108.834023 13.864641 LT
108.834023 14.002594 LT
108.834023 14.002594 LT
109.109824 14.002594 109.66023 14.067984 109.66023 14.688516 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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115.530937 20.491922 MT
118.570617 20.480484 118.757426 14.071922 113.813004 13.723125 CT
113.813004 13.861078 LT
116.100434 14.504953 116.795906 15.843281 116.708941 16.757156 CT
116.708941 16.757156 LT
116.502094 16.55025 116.088387 16.343391 115.260973 16.343391 CT
115.260973 16.343391 LT
114.847266 16.343391 113.629102 16.550578 113.468238 17.998219 CT
113.468238 17.998219 LT
113.327086 19.268719 113.950898 20.480484 115.530937 20.491922 CT
CP 115.260973 20.273625 MT
116.295234 20.342672 116.846848 19.722 116.708941 17.170781 CT
116.708941 17.170781 LT
116.502094 16.894969 116.155922 16.656234 115.67468 16.619203 CT
115.67468 16.619203 LT
114.639094 16.539516 114.364617 17.998219 114.364617 18.61875 CT
114.364617 18.61875 LT
114.364617 19.653094 114.788508 20.245875 115.260973 20.273625 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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121.062727 20.491922 MT
124.102406 20.480484 124.289203 14.071922 119.344793 13.723125 CT
119.344793 13.861078 LT
121.632234 14.504953 122.327684 15.843281 122.24073 16.757156 CT
122.24073 16.757156 LT
122.033871 16.55025 121.620164 16.343391 120.79275 16.343391 CT
120.79275 16.343391 LT
120.379055 16.343391 119.160879 16.550578 119.000039 17.998219 CT
119.000039 17.998219 LT
118.858863 19.268719 119.482687 20.480484 121.062727 20.491922 CT
CP 120.79275 20.273625 MT
121.827023 20.342672 122.378625 19.722 122.24073 17.170781 CT
122.24073 17.170781 LT
122.033871 16.894969 121.687699 16.656234 121.206469 16.619203 CT
121.206469 16.619203 LT
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119.896395 18.61875 LT
119.896395 19.653094 120.320297 20.245875 120.79275 20.273625 CT
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129.013629 15.240141 MT
128.393063 13.861078 LT
124.462863 13.861078 LT
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130.90875 19.326844 125.917617 21.73725 124.669723 18.61875 CT
124.531816 18.687797 LT
125.379563 22.500328 132.497461 20.116125 125.566078 14.688516 CT
128.186215 14.688516 LT
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128.622305 14.688516 128.737816 15.033234 128.910199 15.274594 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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135.597223 19.653094 MT
135.592957 20.283234 135.155016 20.2275 134.888613 20.156156 CT
134.852918 20.289375 LT
136.420371 20.685938 LT
136.424625 17.722406 LT
137.216824 18.730031 139.384242 19.082625 139.527422 16.343391 CT
139.527422 16.343391 LT
139.682109 13.384125 136.838332 13.3095 135.597223 14.27475 CT
CP 136.424625 17.446594 MT
136.86 18.103359 138.70002 18.342938 138.70002 15.929719 CT
138.70002 15.929719 LT
138.70002 13.716422 136.881527 13.755891 136.424625 14.343797 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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144.433723 18.411984 MT
144.433723 18.271453 LT
144.256969 18.274031 144.147527 18.156844 143.946703 17.860359 CT
141.809227 12.654469 LT
141.363 11.538891 140.188875 11.573766 140.188875 12.20625 CT
140.188875 12.20625 LT
140.188875 13.149703 141.212789 12.129141 141.607805 13.021734 CT
142.033711 13.984172 LT
140.430211 17.860359 LT
140.2635 18.263344 140.154398 18.274031 139.982027 18.274031 CT
139.982027 18.411984 LT
141.602367 18.411984 LT
141.602367 18.274031 LT
141.429996 18.274031 141.033316 18.280687 141.18866 17.860359 CT
142.415262 14.910516 LT
143.624602 17.846625 LT
143.763129 18.1845 143.423109 18.274781 143.24366 18.271453 CT
143.24366 18.411984 LT
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GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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149.737641 20.468203 MT
149.737641 20.263875 LT
149.737641 20.263875 LT
150.01009 20.263875 150.691207 20.195766 150.691207 19.675172 CT
150.691207 14.663859 LT
150.691207 14.663859 LT
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151.781039 14.269781 151.644797 14.406 151.644797 14.688187 CT
151.639945 19.650844 LT
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152.598387 20.468203 LT
149.737641 20.468203 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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158.360297 16.688109 MT
158.360297 17.377688 LT
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156.912328 17.377688 LT
156.988723 16.804875 156.032051 16.796016 156.084926 17.377688 CT
156.084926 17.377688 LT
156.213504 18.792094 159.190875 18.791203 159.187723 17.170781 CT
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159.182871 14.689078 LT
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159.946172 14.27475 LT
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159.590988 13.638188 158.421328 13.638984 158.360297 14.481656 CT
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156.104437 12.78975 154.522406 15.408844 157.739754 16.481344 CT
CP 158.360297 14.688516 MT
158.084496 14.481656 LT
156.861059 13.564078 155.915988 15.597516 157.739754 16.205531 CT
158.360297 16.412297 LT
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GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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161.425348 14.688516 MT
161.425348 14.067984 161.974465 13.998938 162.250254 13.998938 CT
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159.768023 13.998938 LT
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162.309504 17.746125 LT
162.212555 18.008672 161.84209 18.098109 161.425348 17.170781 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
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163.453336 18.048844 LT
165.020777 18.445453 LT
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169.217414 13.984172 LT
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169.598941 14.910516 LT
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GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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179.230488 13.861078 MT
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176.921355 14.065406 LT
177.193793 14.065406 177.874922 14.133516 177.874922 14.678484 CT
177.874922 19.675172 LT
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176.921355 20.468203 LT
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185.235105 20.263875 184.553965 20.195766 184.553965 19.675172 CT
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183.600375 14.678484 LT
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NL SD
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186.349219 16.105641 MT
186.348492 19.321594 190.972723 19.321594 190.973766 16.105641 CT
190.973766 16.105641 LT
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CP 187.170223 16.105641 MT
187.160098 18.962203 190.155996 18.962203 190.152762 16.105641 CT
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194.25675 17.126156 MT
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193.791527 18.285234 LT
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192.47025 13.93725 LT
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GS 0. 0. 0. SC FI GR
NL SD
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197.965031 17.126156 MT
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195.523805 17.352656 LT
195.523805 15.944812 197.578336 15.872016 197.578336 15.095062 CT
197.578336 15.095062 LT
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196.178531 13.93725 LT
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198.255445 15.099984 LT
198.255445 16.507969 196.136074 16.648688 196.136074 17.352656 CT
196.136074 17.352656 LT
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GS 0. 0. 0. SC FI GR
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206.559398 20.480484 MT
203.456602 18.825656 203.456602 13.861078 206.559398 12.068297 CT
206.628328 12.20625 LT
204.421898 13.447313 204.421898 19.170375 206.628328 20.342672 CT
CP
GS 0. 0. 0. SC FI GR
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209.397844 19.446188 LT
209.055141 19.446188 208.777312 19.724109 208.777312 20.066859 CT
208.777312 20.066859 LT
208.777312 20.409516 209.055141 20.687391 209.397844 20.687391 CT
209.397844 20.687391 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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209.191008 17.411109 MT
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208.450969 18.048844 LT
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210.018398 13.861078 LT
210.028477 11.373375 207.32932 11.353359 207.32932 12.20625 CT
207.32932 12.20625 LT
207.32932 12.778734 208.036992 12.734859 208.169016 12.418641 CT
208.169016 12.418641 LT
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CP
GS 0. 0. 0. SC FI GR
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NL SD
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210.316172 16.105641 MT
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214.940742 16.105641 LT
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CP 211.137164 16.105641 MT
211.127039 18.962203 214.122938 18.962203 214.119703 16.105641 CT
214.119703 16.105641 LT
214.122938 13.160625 211.127039 13.1715 211.137164 16.105641 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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216.061734 19.653094 MT
216.061734 20.284688 215.623828 20.228953 215.357414 20.157516 CT
215.321719 20.290734 LT
216.889172 20.687391 LT
216.889172 16.491563 LT
218.323102 17.777953 LT
218.323102 17.777953 LT
218.861227 18.270563 218.130258 18.274031 217.923422 18.274031 CT
217.923422 18.411984 LT
219.923016 18.411984 LT
219.923016 18.274031 LT
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217.298859 16.570781 LT
218.943141 14.441812 LT
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219.228586 14.061188 219.713625 13.998938 219.989438 13.998938 CT
219.989438 13.861078 LT
217.920914 13.861078 LT
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217.920914 13.998938 LT
218.196727 13.998938 218.562516 14.061188 218.27707 14.441812 CT
216.889172 16.205531 LT
216.889172 14.688516 LT
216.889172 14.688516 LT
216.889172 14.067984 217.231406 13.998938 217.507195 13.998938 CT
217.507195 13.861078 LT
215.438672 13.861078 LT
215.438672 13.998938 LT
215.438672 13.998938 LT
215.714484 13.998938 216.061734 14.067984 216.061734 14.688516 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
224.073586 15.309047 MT
223.246172 13.033687 220.075125 13.100016 220.074422 16.206328 CT
220.074422 16.206328 LT
220.281281 19.101469 223.866727 19.101469 223.866727 16.55025 CT
220.76393 16.55025 LT
220.817484 14.050922 223.019836 13.938047 223.93568 15.378094 CT
CP 220.76393 16.826062 MT
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CP
GS 0. 0. 0. SC FI GR
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NL SD
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224.42032 13.861078 LT
224.42032 13.998938 LT
224.42032 13.998938 LT
224.696133 13.998938 225.250242 14.067984 225.250242 14.688516 CT
225.250242 17.411109 LT
225.250242 17.411109 LT
225.250242 18.04275 224.812312 17.986969 224.545898 17.915625 CT
224.510203 18.048844 LT
226.077656 18.445453 LT
226.077656 17.5845 LT
226.900078 18.642281 227.803992 18.630094 227.803992 17.941406 CT
227.803992 17.941406 LT
227.803992 17.443266 227.074477 17.441109 226.961813 17.746125 CT
226.961813 17.746125 LT
226.864852 18.008672 226.494398 18.098109 226.077656 17.170781 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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233.600789 12.619922 232.773375 12.413156 232.049391 12.413156 CT
232.049391 12.413156 LT
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228.01575 16.44675 LT
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232.049391 20.480484 LT
234.635039 20.480484 236.083008 18.674531 236.083008 17.170781 CT
236.083008 17.170781 LT
236.083008 15.428156 234.921445 14.283703 234.014484 14.27475 CT
234.014484 14.27475 LT
233.39393 14.27475 232.967742 14.708859 232.842305 15.102281 CT
232.842305 15.102281 LT
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232.842305 18.411984 LT
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233.600789 18.342938 LT
234.42818 18.342938 LT
233.600789 15.102281 LT
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234.014484 14.619609 LT
234.743344 14.619609 235.738266 15.633141 235.738266 17.170781 CT
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232.290727 20.135766 LT
230.386687 20.135766 228.843164 18.484125 228.843164 16.136484 CT
228.843164 16.136484 LT
228.843164 14.409469 231.004687 11.608266 234.083438 13.240547 CT
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232.980234 17.998219 LT
233.462883 17.860359 233.462883 17.170781 233.118117 16.274438 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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237.764156 13.861078 LT
235.695609 13.861078 LT
235.695609 13.998938 LT
235.695609 13.998938 LT
235.971422 13.998938 236.318695 14.067984 236.318695 14.688516 CT
236.318695 17.411109 LT
236.318695 17.411109 LT
236.318695 18.04275 235.880766 17.986969 235.614352 17.915625 CT
235.578656 18.048844 LT
237.143602 18.480937 LT
237.143602 17.722406 LT
237.143602 17.722406 LT
237.733453 18.651094 239.434852 18.65775 239.694773 17.722406 CT
239.694773 17.722406 LT
240.501469 18.724172 242.521758 18.734766 242.521758 17.170781 CT
242.521758 14.481656 LT
242.521758 14.481656 LT
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243.142313 13.861078 LT
241.073789 13.861078 LT
241.073789 13.998938 LT
241.073789 13.998938 LT
241.349602 13.998938 241.726102 14.069156 241.694344 14.481656 CT
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241.694344 18.301547 240.268031 18.103359 239.83268 17.446594 CT
239.83268 14.688516 LT
239.83268 14.067984 240.177445 13.998938 240.453234 13.998938 CT
240.453234 13.861078 LT
238.384711 13.861078 LT
238.384711 13.998938 LT
238.384711 13.998938 LT
238.6605 13.998938 239.008406 14.068453 239.007797 14.688516 CT
239.005266 17.170781 LT
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239.005266 18.301547 237.578953 18.103359 237.143602 17.446594 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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243.307195 16.105641 MT
243.306492 19.321594 247.930711 19.321594 247.931766 16.105641 CT
247.931766 16.105641 LT
247.928391 12.811078 243.30368 12.800062 243.307195 16.105641 CT
CP 244.128234 16.105641 MT
244.118086 18.962203 247.113984 18.962203 247.11075 16.105641 CT
247.11075 16.105641 LT
247.113984 13.160625 244.118086 13.1715 244.128234 16.105641 CT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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249.73493 14.689078 MT
249.734086 14.103047 250.392492 14.015438 250.843008 14.550609 CT
250.911961 14.481656 LT
250.233961 13.442203 248.905734 13.450172 248.907539 14.689078 CT
248.912367 17.998219 LT
248.360766 17.998219 LT
248.912367 18.549844 249.257133 18.963609 249.739781 19.653094 CT
249.739781 18.274031 LT
250.705102 18.274031 LT
250.705102 17.998219 LT
249.739781 17.998219 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
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252.949172 14.688516 MT
252.949172 14.688516 LT
252.949172 14.067984 253.29143 13.998938 253.567242 13.998938 CT
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251.498719 13.998938 LT
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252.121781 19.653094 LT
252.121781 20.284688 251.683852 20.228953 251.417438 20.157516 CT
251.381742 20.290734 LT
252.949172 20.687391 LT
252.946687 17.722406 LT
253.615477 18.724172 255.635766 18.734766 255.635766 17.170781 CT
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255.667523 14.069156 255.980531 13.998938 256.256344 13.998938 CT
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254.187797 13.861078 LT
254.187797 13.998938 LT
254.463586 13.998938 254.840086 14.069156 254.808352 14.481656 CT
254.808352 17.170781 LT
254.808352 17.170781 LT
254.808352 18.301547 253.382062 18.103359 252.946687 17.446594 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
260.683383 15.309047 MT
259.855969 13.033687 256.684945 13.100016 256.684219 16.206328 CT
256.684219 16.206328 LT
256.891078 19.101469 260.476523 19.101469 260.476523 16.55025 CT
257.373727 16.55025 LT
257.427305 14.050922 259.629633 13.938047 260.545477 15.378094 CT
CP 257.373727 16.826062 MT
257.373727 18.446437 259.511203 18.446437 259.511203 16.826062 CT
CP
GS 0. 0. 0. SC FI GR
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NL SD
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NP
262.687453 14.688516 MT
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263.512359 13.861078 LT
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261.860063 18.04275 261.422133 17.986969 261.155719 17.915625 CT
261.120023 18.048844 LT
262.687453 18.445453 LT
262.687453 17.5845 LT
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264.413813 17.941406 LT
264.413813 17.443266 263.684273 17.441109 263.571609 17.746125 CT
263.571609 17.746125 LT
263.474672 18.008672 263.104195 18.098109 262.687453 17.170781 CT
CP
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NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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266.007281 15.031266 MT
266.299781 15.031266 266.592375 14.738672 266.592352 14.446172 CT
266.592352 14.446172 LT
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266.007281 13.861078 LT
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265.422211 14.446172 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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271.526063 15.309047 MT
270.698672 13.033687 267.527625 13.100016 267.526922 16.206328 CT
267.526922 16.206328 LT
267.733781 19.101469 271.319227 19.101469 271.319227 16.55025 CT
268.21643 16.55025 LT
268.269984 14.050922 270.472336 13.938047 271.38818 15.378094 CT
CP 268.21643 16.826062 MT
268.21643 18.446437 270.353906 18.446437 270.353906 16.826062 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
273.527648 14.688516 MT
273.527648 14.067984 273.872414 13.998938 274.148203 13.998938 CT
274.148203 13.861078 LT
272.07968 13.861078 LT
272.07968 13.998938 LT
272.07968 13.998938 LT
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272.702742 17.411109 LT
272.702742 17.411109 LT
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272.702742 18.04275 272.264813 17.986969 271.998398 17.915625 CT
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276.216727 14.481656 LT
276.216727 14.481656 LT
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GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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278.290617 14.689078 MT
278.289797 14.103047 278.94818 14.015438 279.398695 14.550609 CT
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277.468055 17.998219 LT
276.916453 17.998219 LT
277.468055 18.549844 277.81282 18.963609 278.295469 19.653094 CT
278.295469 18.274031 LT
279.260789 18.274031 LT
279.260789 17.998219 LT
278.295469 17.998219 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
281.229281 15.031266 MT
281.521781 15.031266 281.814375 14.738672 281.814352 14.446172 CT
281.814352 14.446172 LT
281.814375 14.153625 281.521781 13.861078 281.229281 13.861078 CT
281.229281 13.861078 LT
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280.644211 14.446172 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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284.268352 14.688516 MT
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282.611016 13.998938 LT
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282.886805 13.998938 283.440914 14.067984 283.440914 14.688516 CT
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GS 0. 0. 0. SC FI GR
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0 SJ 0. 0. 0. SC 0.48 SW ST
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286.222945 16.105641 MT
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290.847492 16.105641 LT
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CP 287.043984 16.105641 MT
287.033859 18.962203 290.029734 18.962203 290.026523 16.105641 CT
290.026523 16.105641 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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295.27568 15.309047 MT
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291.276516 16.206328 LT
291.275906 18.894562 294.907383 18.892031 295.068844 17.377688 CT
295.068844 17.377688 LT
295.068844 16.826062 294.24143 16.826062 294.172477 17.377688 CT
294.172477 17.377688 LT
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292.097508 16.206328 LT
292.445742 13.892625 294.22193 13.938047 295.137773 15.378094 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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296.452359 19.653094 LT
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CP
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NL SD
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305.013937 15.309047 MT
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301.704305 16.55025 LT
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CP 301.704305 16.826062 MT
301.704305 18.446437 303.841805 18.446437 303.841805 16.826062 CT
CP
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0 SJ 0. 0. 0. SC 0.48 SW ST
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308.352609 17.126156 MT
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308.445656 18.470672 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
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310.58107 14.689078 MT
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311.551242 17.998219 LT
310.585922 17.998219 LT
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CP
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NL SD
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312.275883 16.206328 LT
312.482766 19.101469 316.068211 19.101469 316.068211 16.55025 CT
312.965414 16.55025 LT
313.018945 14.050922 315.221297 13.938047 316.137141 15.378094 CT
CP 312.965414 16.826062 MT
312.965414 18.446437 315.102891 18.446437 315.102891 16.826062 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
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316.711664 18.048844 LT
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320.005477 17.941406 LT
320.005477 17.443266 319.275984 17.441109 319.16332 17.746125 CT
319.16332 17.746125 LT
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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
321.598945 15.031266 MT
321.891445 15.031266 322.184039 14.738672 322.184039 14.446172 CT
322.184039 14.446172 LT
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321.598945 13.861078 LT
321.306398 13.861078 321.013852 14.153625 321.013875 14.446172 CT
321.013875 14.446172 LT
321.013852 14.738672 321.306398 15.031266 321.598945 15.031266 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
327.11775 15.309047 MT
326.290336 13.033687 323.119266 13.100016 323.118562 16.206328 CT
323.118562 16.206328 LT
323.325445 19.101469 326.910891 19.101469 326.910891 16.55025 CT
323.808094 16.55025 LT
323.861648 14.050922 326.063977 13.938047 326.979844 15.378094 CT
CP 323.808094 16.826062 MT
```

```
323.808094 18.446437 325.94557 18.446437 325.94557 16.826062 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
331.532625 14.895422 MT
331.532625 14.263781 331.970555 14.319516 332.236969 14.390953 CT
332.272641 14.257734 LT
330.705234 13.861078 LT
330.705234 14.481656 LT
330.705234 14.481656 LT
329.912977 13.474031 327.753445 13.106109 327.602391 15.860672 CT
327.602391 15.860672 LT
327.602391 18.73275 330.140625 18.828375 330.705234 17.998219 CT
330.705234 19.653094 LT
330.705234 19.653094 LT
330.705234 20.284688 330.267258 20.228953 330.000844 20.157516 CT
329.965172 20.290734 LT
331.532625 20.687391 LT
CP 330.705234 14.757469 MT
330.269859 14.10075 328.429828 13.861078 328.429828 16.274438 CT
328.429828 16.274438 LT
328.429828 18.765281 330.337125 18.481875 330.705234 17.377688 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
336.09757 17.584547 MT
336.09757 18.205125 335.752805 18.274031 335.476992 18.274031 CT
335.476992 18.411984 LT
336.924984 18.411984 LT
336.924398 17.5845 LT
336.924984 14.895422 LT
336.924984 14.895422 LT
336.925125 14.230313 337.360383 14.286047 337.62682 14.357437 CT
337.662469 14.224266 LT
336.09757 13.792172 LT
336.09757 14.550609 LT
336.09757 14.550609 LT
335.428758 13.548844 333.408469 13.385672 333.408469 15.102281 CT
333.408469 17.791359 LT
333.408469 17.791359 LT
333.376734 18.203859 333.063703 18.274031 332.787914 18.274031 CT
332.787914 18.411984 LT
334.235883 18.411984 LT
334.235883 15.102281 LT
334.235883 15.102281 LT
334.235883 13.971469 335.662195 14.16975 336.09757 14.826422 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
338.387109 20.480484 MT
341.489906 18.825656 341.489906 13.861078 338.387109 12.068297 CT
338.31818 12.20625 LT
340.524609 13.447313 340.524609 19.170375 338.31818 20.342672 CT
CP
GS 0. 0. 0. SC FI GR
```

```
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
87.419203 515.737687 MT
87.419203 515.942039 LT
87.759768 515.942039 88.041961 516.068508 88.260896 516.559922 CT
90.815139 522.359391 LT
91.053533 522.359391 LT
93.598061 516.564773 LT
93.812133 516.073406 94.026205 515.942039 94.29866 515.942039 CT
94.29866 515.737687 LT
91.914686 515.737687 LT
91.914686 515.942039 LT
92.187146 515.942039 92.853674 516.068508 92.644471 516.564773 CT
92.109299 517.815187 LT
89.214475 517.815187 LT
88.66957 516.559922 LT
88.455498 516.068508 88.980949 515.937141 89.258262 515.942039 CT
89.258262 515.737687 LT
CP 89.394486 518.223844 MT
90.649729 521.084672 LT
91.939014 518.223844 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
343.646766 572.992898 MT
346.249664 572.992898 LT
349.791586 572.988023 349.791586 570.278039 347.50493 569.845031 CT
347.50493 569.845031 LT
350.039695 570.049383 350.039695 566.376023 346.711875 566.385773 CT
343.646766 566.385773 LT
343.646766 566.590125 LT
343.646766 566.590125 LT
343.919227 566.590125 344.600367 566.658234 344.600367 567.188555 CT
344.600367 572.199844 LT
344.600367 572.720438 343.919227 572.788523 343.646766 572.788523 CT
CP 345.549094 572.175516 MT
345.553945 572.516062 345.622078 572.584219 345.977227 572.58907 CT
345.977227 572.58907 LT
348.930445 572.881008 348.43418 569.94232 346.507547 569.995852 CT
345.549094 569.995852 LT
CP 345.553945 569.587148 MT
346.502695 569.587148 LT
348.896391 569.616352 348.896391 566.789602 346.711875 566.794453 CT
346.711875 566.794453 LT
345.622078 566.794453 345.553945 566.862562 345.553945 567.212859 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
218.734148 562.825477 MT
217.602117 560.865633 212.575359 560.865633 212.575359 565.054641 CT
212.575359 565.054641 LT
212.575359 568.789898 216.310523 568.789898 217.741781 568.196461 CT
217.741781 568.196461 LT
218.13075 568.031883 218.370094 568.196461 218.370094 568.475742 CT
218.579578 568.475742 LT
218.579578 566.381203 LT
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218.370094 566.381203 LT
217.751719 568.934508 213.762211 568.769953 213.762211 565.054641 CT
213.762211 565.054641 LT
213.762211 561.279539 217.681922 561.623625 218.584523 562.975102 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
560.119594 563.784141 MT
560.119594 563.579789 LT
560.119594 563.579789 LT
560.392078 563.579789 561.073219 563.51168 561.073219 562.991109 CT
561.073219 557.979797 LT
561.073219 557.979797 LT
561.073219 557.4495 560.392078 557.381367 560.119594 557.381367 CT
560.119594 557.177039 LT
563.184703 557.177039 LT
563.184703 557.177039 LT
568.011047 557.177039 567.991547 563.788992 562.722469 563.784141 CT
560.119594 563.784141 LT
CP 562.450031 563.380312 MT
562.094859 563.375461 562.026797 563.307328 562.021875 562.966758 CT
562.026797 558.004125 LT
562.026797 558.004125 LT
562.026797 557.721961 562.162969 557.585695 562.450031 557.580867 CT
562.450031 557.580867 LT
566.750953 557.177039 566.750953 563.608992 562.450031 563.380312 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
459.922875 714.499576 MT
459.922875 715.051195 459.784969 715.051195 459.026484 714.706436 CT
459.026484 714.809859 LT
460.753969 715.951154 LT
460.753969 709.952314 LT
460.753969 709.331736 461.303063 709.262789 461.578828 709.262789 CT
461.578828 709.124883 LT
459.096609 709.124883 LT
459.096609 709.262789 LT
459.096609 709.262789 LT
459.372422 709.262789 459.922875 709.328162 459.922875 709.948734 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
379.638844 506.100609 MT
376.88707 509.152359 LT
387.894187 508.135102 LT
382.849242 506.100609 LT
382.849242 506.100609 LT
CP
GS 1 1 1 SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
405.526406 357.069328 MT
405.526406 356.864953 LT
```

```
405.526406 356.864953 LT
405.798891 356.864953 406.479984 356.796797 406.479984 356.27625 CT
406.479984 351.264984 LT
406.479984 351.264984 LT
406.479984 350.734641 405.798891 350.666531 405.526406 350.666531 CT
405.526406 350.462156 LT
410.771109 350.462156 LT
411.179813 352.028766 LT
410.907375 352.028766 LT
410.907375 352.028766 LT
410.644641 351.347672 410.124047 350.870859 409.000219 350.870859 CT
407.842266 350.870859 LT
407.569828 350.870859 407.433562 351.007078 407.433562 351.289266 CT
407.433562 353.663531 LT
408.795844 353.663531 LT
409.408875 353.663531 409.953797 353.391094 409.953797 352.709906 CT
410.158125 352.709906 LT
410.158125 355.025859 LT
409.953797 355.025859 LT
409.953797 354.344672 409.408875 354.072234 408.795844 354.072234 CT
407.428688 354.072234 LT
407.428688 356.251922 LT
407.433562 356.592469 407.501672 356.660578 407.842266 356.660578 CT
407.842266 356.660578 LT
409.476984 356.660578 LT
409.875938 356.660578 410.420813 356.285953 410.498719 355.638891 CT
410.703047 355.638891 LT
410.703047 357.069328 LT
405.526406 357.069328 LT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
481.658766 362.1555 MT
481.658766 361.951172 LT
481.658766 361.951172 LT
481.93125 361.951172 482.612391 361.882969 482.612391 361.362422 CT
482.612391 356.365734 LT
482.612391 356.365734 LT
482.612391 355.820812 481.93125 355.752703 481.658766 355.752703 CT
481.658766 355.548328 LT
484.519547 355.548328 LT
484.519547 355.752703 LT
484.247109 355.752703 483.565969 355.820812 483.565969 356.365734 CT
483.565969 358.74975 LT
484.928203 358.74975 LT
485.541234 358.74975 486.086156 358.477266 486.086156 357.796125 CT
486.290484 357.796125 LT
486.290484 360.112031 LT
486.086156 360.112031 LT
486.086156 359.430891 485.541234 359.158406 484.928203 359.158406 CT
483.561094 359.158406 LT
483.561094 361.338094 LT
483.565969 361.678688 483.634078 361.74675 483.974625 361.74675 CT
483.974625 361.74675 LT
485.609344 361.74675 LT
486.008297 361.74675 486.553219 361.372125 486.631078 360.725062 CT
486.835406 360.725062 LT
486.835406 362.1555 LT
481.658766 362.1555 LT
```

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CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
430.178719 421.656305 MT
429.558141 420.277266 LT
425.627953 420.277266 LT
425.627953 420.415172 LT
432.073781 425.742914 427.082672 428.153461 425.834812 425.034984 CT
425.696906 425.103914 LT
426.544594 428.916422 433.662516 426.532289 426.731156 421.10468 CT
429.351281 421.10468 LT
429.351281 421.10468 LT
429.787359 421.10468 429.902906 421.449445 430.075312 421.690758 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
456.901031 425.379703 MT
458.113781 428.729789 462.250828 426.033516 459.452203 424.207547 CT
459.452203 424.207547 LT
461.394891 423.617414 461.541797 419.463867 457.442391 420.223945 CT
457.442391 420.223945 LT
456.338672 420.428578 456.980391 421.356023 457.638047 420.889172 CT
457.638047 420.889172 LT
460.415156 418.894687 461.127422 424.070063 457.935281 423.518016 CT
457.935281 423.655945 LT
461.450531 424.682508 458.537672 428.238445 457.038937 425.310797 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
444.406922 98.996203 MT
443.786391 97.617141 LT
439.856203 97.617141 LT
439.856203 97.755047 LT
446.302031 103.082859 441.310875 105.493313 440.063016 102.374859 CT
439.925109 102.443859 LT
440.772844 106.256344 447.890766 103.872187 440.959406 98.444578 CT
443.579531 98.444578 LT
443.579531 98.444578 LT
444.015609 98.444578 444.131156 98.789297 444.303516 99.030656 CT
CP
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
NP
452.327672 107.217 MT
453.540422 110.567063 457.677469 107.870766 454.878844 106.04475 CT
454.878844 106.04475 LT
456.821531 105.454641 456.968391 101.301141 452.869078 102.061125 CT
452.869078 102.061125 LT
451.765312 102.265781 452.407031 103.193203 453.064687 102.726375 CT
453.064687 102.726375 LT
455.841844 100.731844 456.554062 105.907313 453.361922 105.355266 CT
453.361922 105.493125 LT
456.877219 106.519734 453.964359 110.075719 452.465578 107.147953 CT
CP
```

```
GS 0. 0. 0. SC FI GR
NL SD
0 SJ 0. 0. 0. SC 0.48 SW ST
showpage
%%Trailer
SV restore
end
```

```
From balloon-request@cvs.rochester.edu  Fri Nov 24 10:24:06 1995
         id AA20337; Fri, 24 Nov 95 10:20:32 EST
From: "C. Piaf"  <edp56@cc.keele.ac.uk>
Message-Id: <20253.199511241519@potter.cc.keele.ac.uk>
Subject: Revised Santa Head
To: balloon@cvs.rochester.edu
Date: Fri, 24 Nov 1995 15:19:02 +0000 (GMT)
Content-Transfer-Encoding: 7bit
```

First, thanks must go to Larry for the Santa Head in the edited highlights
section. This provided me with the basis for my own santa head.

The santa head requires 1 red 260, 1 white 260 and a pink 6" heart.

The heart.
Inflate the heart but leave it slack enough so that one of the lobes (that's
the word Larry was looking for in his directions) can be twisted into a
nose. The bigger this nose is the better Santa looks, I find. As Larry
says this shouldn't untwist while you make the rest of the head.

Red 260. (Santa's Hat).

Again this is identical to Larry's Santa. The twisting is something like
this:

```
   _  _____  _____  _____  ____  _____  _
>(_)(_____)(_____)(_____)(___)(_____)(_)
   A       B       C       D    E       F
```

Sorry, I haven't figured out the slack length required (See Larry's post
maybe?) Anyway Lock Twist A and C (This makes the brim of Santa's hat). Ear
twist D and E together. Finally Lock Twist F and B together. Santa's hat
is now complete.

White 260 Santa's Beard.

This part is the most different from Larry's Santa Head. The twists are
shown below.
```
|     Santa's tash      |        Santa's Beard          |
   _  _  _  __   __  _  _  _  _  _  _  _  _  _  _  _  _  _
>(_)(_)(_)(__)(__)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)
   A  B  C  D   E   F  G  H  I  J  K  L  M  N  O  P  Q
```

Okay, lock twist A to A in the hat diagram, twist B, C, and D. Then place
Santa's head in position under the hat brim. It's best to wedge it in a bit
to keep it in place. Now squeeze D under Santa's nose. This prevents the
moustache from untwisting. Twist the rest of the bubbles up to G - another 2"
followed by 2 x 1". Lock twist G to the F-C twist on the other side of
Santa's hat.

Now Santa's beard. This is a series of 11 1" bubbles. Halfway along this
series of bubbles ie. after 5 bubbles have been created wrap the nozzle of
the heart balloon around twist L, this will help keep the beard from
untwisting. Twist the remaining 6 balloons and Lock Twist Q to the A/hat
lock twist. If you have any balloon left over (:-)) then deflate and tie
off.

Add a smile in the space provided and a pair of twinkling eyes and Santa is
ready for Christmas. I thought of adding a brim as per Larry's creation and
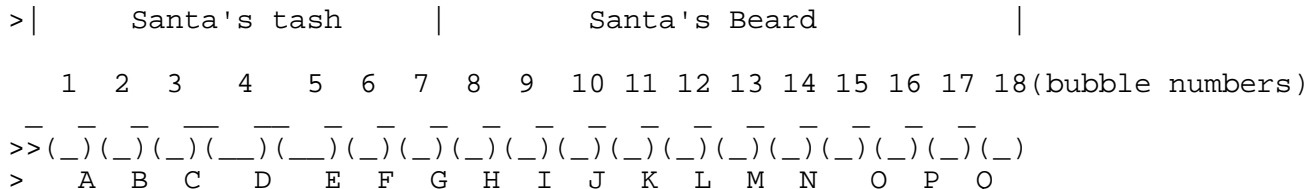using the rest of the balloon for Santa's hair, but haven't tried this yet.

Carl (MerryLeggs).

```
From balloon-request@cvs.rochester.edu  Fri Nov 24 16:51:56 1995
          id AA23696; Fri, 24 Nov 95 16:49:28 EST
Date: Fri, 24 Nov 1995 13:49:17 -0800 (PST)
Message-Id: <199511242149.NAA08363@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: My revision of carl's revision of Santa's Beard
```

Thanks for making the revision Carl, it makes it a lot clearer to make. I
have yet another revision to make to the beard, albeit a minor one that
should make things a lot easier to handle....far less unraveling.

>White 260 Santa's Beard.
>
>This part is the most different from Larry's Santa Head. The twists are
>shown below.
>| Santa's tash | Santa's Beard |

```
   1  2  3    4    5   6  7  8  9  10 11 12 13 14 15 16 17 18(bubble numbers)
 _  _  _  __   __   _  _  _  _  _  _  _  _  _  _  _  _  _
>>(_)(_)(_)(__)(__)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)
>  A  B  C    D    E   F  G  H  I  J  K  L  M  N    O  P  Q
```

Ear twist bubble numbers 3, 6, and 13.

>Okay, lock twist A to A in the hat diagram, twist B, C, and D. Then place
>Santa's head in position under the hat brim. It's best to wedge it in a bit
>to keep it in place. Now squeeze D under Santa's nose.

wrap D around the twist that forms his nose once.
>This prevents the moustache from untwisting.

And allows the moustache to be placed below the nose without it coming apart.

>Twist the rest of the bubbles up to G - another 2"
>followed by 2 x 1". Lock twist G to the F-C twist on the other side of
>Santa's hat.
>
>Now Santa's beard. This is a series of 11 1" bubbles.

Make 2 1" bubbles, Twist J around the ear twist from bubble 6. Make two
more bubbles and then an ear twist (bubble 13). Attach the knot from
Santa's head to bubble 13.

Make two more bubbles and attach twist O to the pinch twist from bubble 3.
Make three more bubbles and then

>Lock Twist Q to the A/hat lock twist. If you have any balloon left over
(:-)) then deflate and tie off

This should make some sense in context. After making this once, you should
be able to do it again and again without problems. All these directoins
just sound a lot more confusing than they actually are.

CHA CHA---welcome to the list. Go ahead and use Carl's directions (W/ my
revisions to Larry's Santa Head. You'll find them easy to follow, if you
just keep track of where you are. If anyone has questions about all this
nonsense, post them to the list, (or to me privately if you would rather),
and I'm surethey'll be answered.
You can find the original Santa posting on the Balloon FAQ.

---Lorna

PS I'll be doing a multi-cultural Santa this year.   I'll be using the
Assorted jewel colors in heart balloons.
        o
       o o
      o   o
      _O_/
        L
       / \
     _/   _
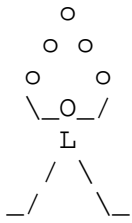
```
From balloon-request@cvs.rochester.edu  Thu Dec 14 00:36:13 1995
         id AA29947; Thu, 14 Dec 95 00:32:19 EST
Date: Thu, 14 Dec 1995 00:31:59 -0500
From: BHarry@aol.com
Message-Id: <951214002418_53726703@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: The Santa Head
```

Hey Lorna,

I've finally gotten around to working of the Santa Head (doing magic/balloons
for a kindergarten class next week and thought it would be a good one). BUT
I've got some questions (you'll have to forgive the imagination impared among
us)

The head/beard/stash all work for me but the hat is giving me fits. As I'm
currently doing the hat it looks kinda like a standard helmet with a bigish
ear twist on one side (the floppy part of the hat that usually has a pom pom
on the end?) and the end bubble of the hat on the other side. Once the beard
is attached I have a small white bubble next to the first red bubble above
the hat ear twist (any reason for this bubble? why not just tie in the knot?)
 IF this is the way its supposed to look another idea would be to use the
remaining white balloon (I usually have a fair amount) and make a balloon
seed from the knot end and pop/shoot it out then use the knot to attach it to
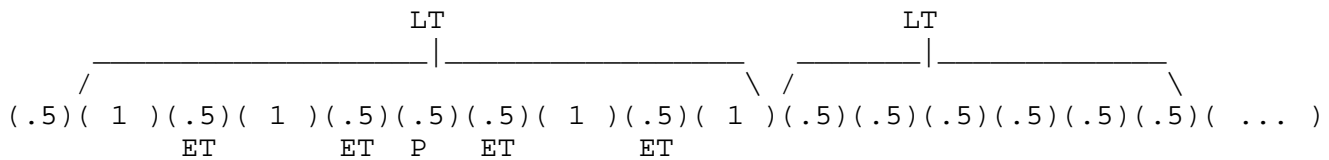the bottom of the hat ear twist creating the white pom pom.

I didn't post this to the list because I wasn't sure if I had the hat right,
in the first place

Thanks
Bruce

```
From moss@swift.cvs.rochester.edu Wed Sep  7 15:43:10 1994
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA18828
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Wed, 7 Sep 1994 15:43:10
-0400
Received: from cheetah.cvs.rochester.edu. by cvs.rochester.edu (4.1/MAIN-MX-1.4.3)
        id AA20779; Wed, 7 Sep 94 15:38:28 EDT
Received: by cheetah.cvs.rochester.edu. (5.0/SMI-SVR4)
        id AA05332; Wed, 7 Sep 1994 15:38:21 +0500
Date: Wed, 7 Sep 1994 15:38:20 -0400 (EDT)
From: Larry Moss <moss@cvs.rochester.edu>
To: Balloon Sculpting Mailing List <balloon@ent.rochester.edu>
Subject: scorpions
Message-Id: <Pine.SOL.3.90.940907152612.5326A-100000@cheetah.cvs.rochester.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Length: 700
```

More on the 130s. I've been making scorpions with them while working.
They look much better than with 260s. Basically, its:

```
                    LT                              LT
      _____|_____  _____|_____
     /                                    \ /                    \
    (.5)( 1 )(.5)( 1 )(.5)(.5)(.5)( 1 )(.5)( 1 )(.5)(.5)(.5)(.5)(.5)(.5)( ... )
            ET          ET  P   ET          ET
```

ok, the picture is lousy, but use your imagination. Numbers in ()
represent lengths of bubbles in inches. ET = ear twist, LT = lock twist,
P = pop. At the end just curl up the tail.

Does anyone know how to make other little critters like this?

I make a really simple scorpion. I wish i could remember where I got it so
I could credit that person. I first got the idea from someone's book and
may have changed it. I don't really remember because it had been so long
since I had made it. Recently (within the last year or so) I decided I
needed an alternative to swords and guns for little boys (oh oh, not that
line again!!!), something simple, yet creepy....

Inflate a 260 leaving about 7 inches uninflated. Twist a 1.5 inch bubble
for the head, then two 3 inch fold twists. Make the simple turtle/lady bug
body: four small bubbles an inch or so long and connect at the 3 inch fold
twists. Make a 2.5 to 3 inch bubble and roll through the 'legs'. Out of
what's left, make his tail like you would make a swan's neck, curling it
around and leaving a 'stinger' instead of a beak. For the face, twist the
knot into the base of his head to hide it and make the appropriate markings.

With a 130, I reverse it, inflating from somewhere in the middle towards the
end of the balloon. I quit when I've left enough uninflated to look like a
stinger, then work backwards, making the first twist where his tail would
start, then the four 'turtle' legs. Connect the legs at the tail, make the
bubble that rolls through and connect at the opposite end of the legs. Make
the two fold twists, a head, then tie off, discard the rest, and twist the
knot to hide it at the base of his head. Make the 'turtle' legs small and
tight; this is where you pinch it onto a tee shirt.

Let me know if this didn't make sense.

Yvonne

```
    / \
 /\ | |
 \ \| |  /\
  \__ |_/ /
    | _ /
    | |  TWISTIN IN TUCSON
 ~~| ~~~
```
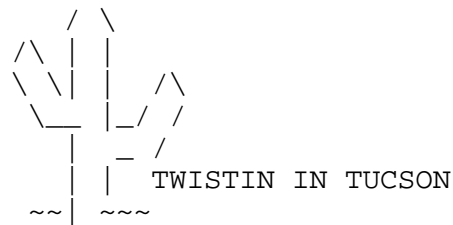
```
Date: Sat, 6 Jul 96 12:44:46 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re:2 sharks
```
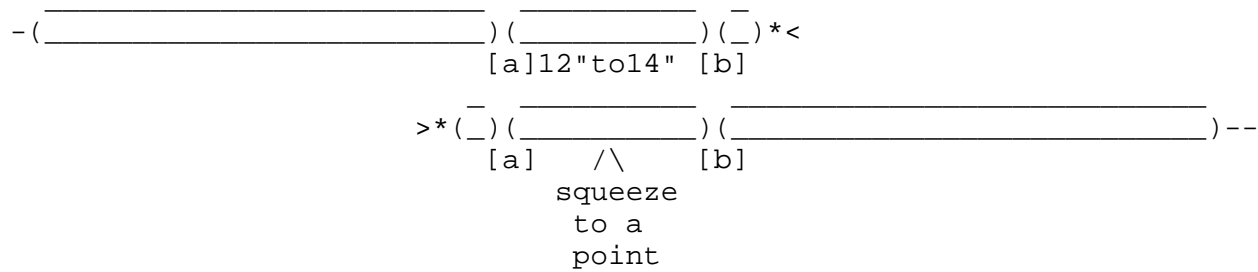
(Ken, This notes for you. The rest is for anyone who wants it. I found a
little time, so here's my illustrative instruction on the sharks I do. If
you need help on any point, give me a call. I'll be glad to help. John)
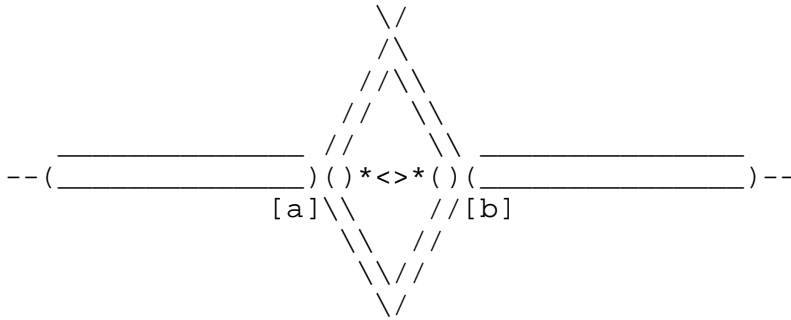
Shark #1 illustrative instructions.

"Symbol's meanings"

```
 > = end of balloon{nozzle or scrap)
 * = knots
 - = uninflated balloon
 ()= bubbles
 )(= twist points
 []= where 2 different balloons are to be joined together
```
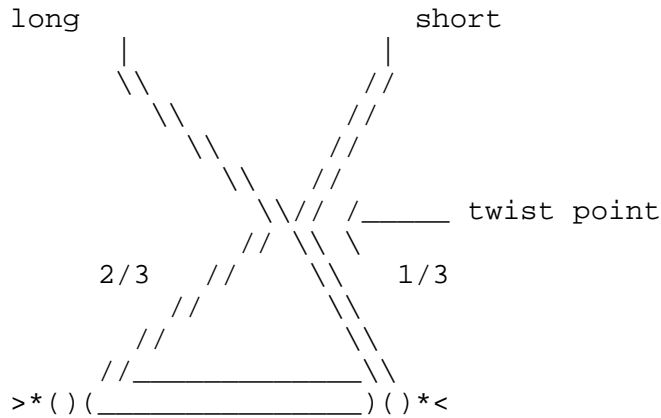
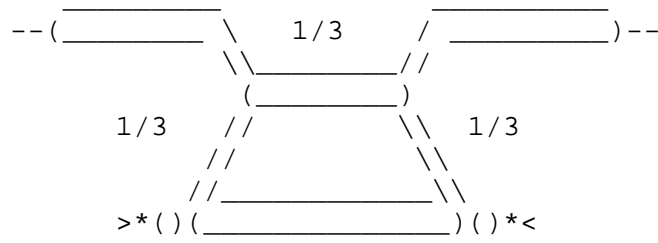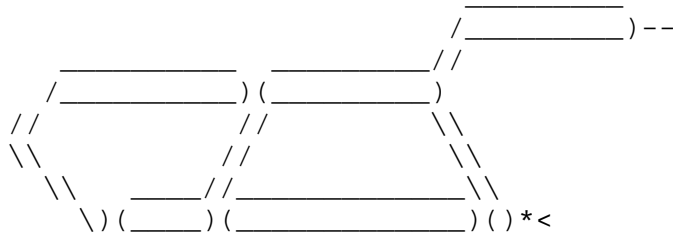#1 (2 black or gray balloons for the main body)

```
   _____ _____ _
 -(_____)(_____)(_)*<
                                    [a]12"to14" [b]

                       _ _____  _____
                  >*(_)(_____)(_____)--
                   [a]    /\     [b]
                        squeeze
                         to a
                        point
#2                       \/
                         /\
                        //\\
                       //  \\
      _____ //    \\ _____
   --(_____)()*<>*()(_____)--
     [a]\\          //[b]
         \\        //
          \\      //
           \\    //
            \\//
             \/

#3

           long                  short
            |                     |
             \\                  //
              \\                //
               \\              //
                \\            //
                 \\//  /_____ twist point
                 // \\ \
         2/3    //    \\   1/3
               //       \\
              //          \\
             //_____\\
           >*()(_____)()*<
```

#4

```
                 _____               _____
          --(_____  \    1/3     /  _____)--
                     \_____//
                      (_____)
            1/3      //          \\   1/3
                    //            \\
                   //_____\\
              >*()(_____)()*<
```
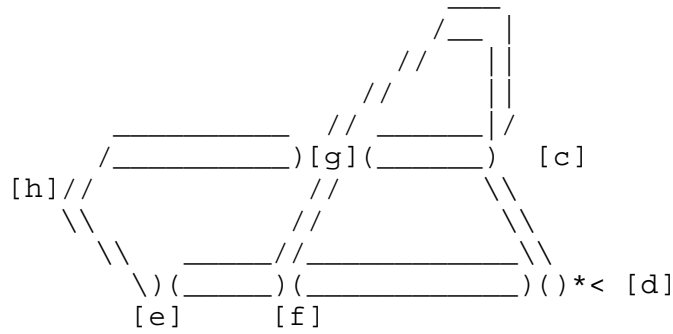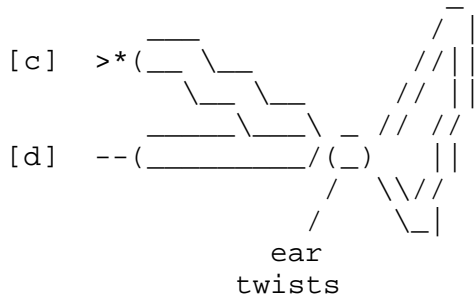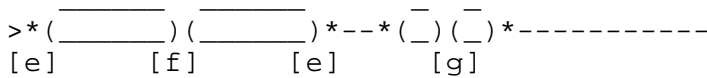
#5 Nose should be more pointed & tapered than shown here

```
                                  _____
                              /_____)--
              _____  _____//
            /_____)(_____)
          //          //         \\
          \\         //           \\
           \\    ____//_____\\
            \)(____)(_____)()*<
```

#6

```
                            ___
                          /__ |
                       //    ||
                     //      ||
          _____  //  _____|/
         /_____)[g](_____)   [c]
   [h]//              //        \\
      \\             //          \\
       \\     ____//_____\\
        \)(_____)(_____)()*< [d]
        [e]        [f]
```

#7   (1 black or gray balloon for the tail)

```
          _____   ____  _____ _____ _____
   [c]  >*(_____)()()(____)(_____)(_____)(_____)-- [d]
                    2 ear
                    twists
```

```
                               _
            ___              / |
   [c]  >*(__ \__        //||
            \__ \__      //  ||
          _____\ _ //  //
   [d]  --(_____/(_)    ||
                  /  \\//
                 /    \_|
              ear
             twists
```
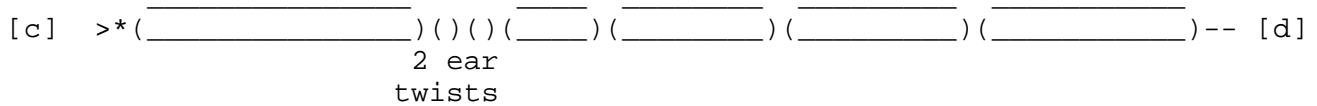
#8   (1 white balloon for the teeth & eyes)

```
         _____  _____        _  _
      >*(_____)(_____)*--*(_)(_)*-----------
      [e]       [f]       [e]      [g]


         _____             _  _
```

```
        /_____\*<        >*(_)(_)*<
    [e]_____/[f]            [g]
```

                Sharpie to taste & FINI!!!!

   Hammerhead shark adaptation(leave off eyes previously shown & insert
SMALL white balloon seeds into tops of tulips instead)

```
       __  _____  _____  __
  >*(__)(_____)(_____)(__)*----
```

```
       __  _____  _____  __
     (__)(_____)(_____)(__)
      /\           [h]        /\
   tulip                    tulip
   twist                    twist
```

These, as well as the killer whale, can also be worn as hats since they are
a spin-off of the hat design shown in my video#1, "Hat's all folks.". These
3, as well as the dolphin I do will appear on an upcoming video or videos.
Once again, you can call me if you need help, "verbal help", on any points
that are confusing.(214) 293-2038

Well, David, I'm waiting to see what you do with this.

John.

```
From balloon-request@cvs.rochester.edu   Sun Aug 13 10:42:09 1995
         id AA12959; Sun, 13 Aug 95 10:41:33 EDT
Date: Sun, 13 Aug 95 10:41:25 EDT
From: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Reply-To: batten@rdcs.kodak.com (James x29971/RDCS/3-6-KP)
Message-Id: <9508131441.AA22633@RDCS.Kodak.COM>
To: balloon@mother.ent.rochester.edu
Subject: snake head,
```

   Don't know if this was atomatically assumed, but besides curling the balloon
to become a snake, I always make a 1/2 ince (or smaller) bubble followed by
a small birds body.. looks an awful lot like a cobra's head.

later - jim

```
From balloon-request@cvs.rochester.edu  Mon Aug 14 18:41:02 1995
         id AA28067; Mon, 14 Aug 95 18:40:53 EDT
Date: Mon, 14 Aug 1995 17:40:45 -0500
Message-Id: <199508142240.RAA01119@ux5.cso.uiuc.edu>
To: balloon@cvs.rochester.edu
From: Mark Balzer <m-balzer@students.uiuc.edu>
Subject: Re: snake head,
```

>Don't know if this was atomatically assumed, but besides curling the balloon
>to become a snake, I always make a 1/2 ince (or smaller) bubble followed by
>a small birds body.. looks an awful lot like a cobra's head.

Try this: stack 3 or 4 decreasing size apple twists together on the tail
end and you have a rattle-snake. For the knotted nozzle, substitute tiny
bits of broken balloon held against the wall of the balloon and push them
and the balloon wall into the balloon to make one apple twist after
another. It takes a few trys to find out just where to place the balloon
bit and how to push it in so that the result looks good, but it's a cool
trick and worth the trouble when making realistic snakes. I believe I
first saw this in George Sand's book.

Mark


```
   o
  <M>
 _/ \_
```

I'm not up to drawing a figure with ACSII as yet but narrative instructions
follow. I use a white 260 for this figure. I hope you can picture it in your
mind.

1. Inflate a 260 leaving an 8 iunch uninflated end. Form a soft 1 1/2 inch
bubble at the knot end of the balloon followed by two 1/2 inch bubbles. Twist
the two 1/2 inch bubbles together. They will be the ears.
2. Form a 1/2 inch bubble in the soft 1 1/2 inch bubble for the nose. Wrap
the remainder of the soft 1 1/2 inch bubble around the two 1/2 inch bubbles so
that one of the 1/2 inch bubbles is at each side of the soft bubble.
Wrap the nose around the base of the two 1/2 inch bubbles to complete the
head.
3. Form a small bubble for the neck followed by a 1 inch bubble, four 1/2
inch bubbles, and another 1 inch bubble. Twist the two 1 inch bubbles
together to form a four-bubble loop. The two 1 inch bubbles will be the arms,
the first and fourth 1/2 inch bubbles will be the hands, and the second and
third 1/2 inch bubbles will be the handlebars.
4. Form a small pinch twist. Position the pinch twist at the back of the
neck to hold the head forward.
5. Form a 1 inch bubble for the body follolwed by a 1 1/2 inch loop. Twist
the two ends of this loop together to form the rear wheel of the motorbike.
6. Form a 1/2 inch pinch twist. Wedge this pinch twist inside of the 1 1/2
inch loop to complete the rear wheel and prevent it from untwisting.
7. Form a 1 1/2 inch bubble for one leg followed by two 1/2 inch bubbles for
the feet and another 1 1/2 inch bubble for the other leg. Twist the two 1 1/2
inch bubbles together to complete the legs.
8. Form a 1 1/2 inch bubble for the frame of the motorbike followed by a 1
1/2 inch loop. Twist the two ends of this loop together to form the front
wheel of the motorbike.
9. Form a 1/2 inch pinch twist. Wedge this pinch twist inside of the 1 1/2
inch loop to complete the front wheel and prevent it from untwisting.
10. Form a 1/4 inch bubble at the tip end of the balloon. Wedge this 1/4 inch
bubble between the two 1/2 inch bubbles that form the handlebars to complete
the motorbike.
11. Wedge the two 1/2 inch bubbles that form the feet in between the front end
of the frame and the base of the front wheel so that one leg is at each side
of the frame.
12. Form a very small bubble in a piece of red 260Q about 3 inches long. Tie
a knot at each side of this small bubble.
13. Tie the two ends of the piece of 260 together to form a loop with the
small bubble opposite the knot.

14. Twist the small bubble in half, twisting it several times. Stretch the
loop over the top of snoopy's head so that the two bubbles rest on top of the
nose forming goggles to complete the figure.

Hope you can follow it. You also asked about a rider for a larger motorbike.
I do them from one-balloon to life size. Give me a mailing address and I'll
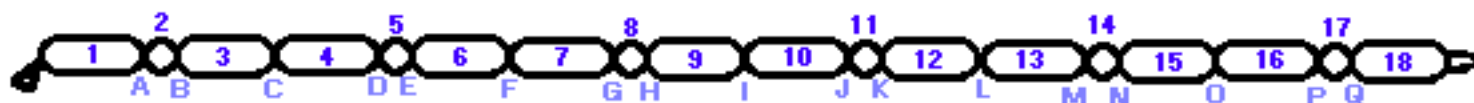get some more information to you. Marvin

Not as hard as it looks.

SNOWFLAKE

All of these bubbles are tiny and tinier.

1. Inflate balloon less than half way.
2. twist together points A and D.
3. "" "" "" D and G.
4. "" "" "" G and J.
5. "" "" "" J and M.
6. "" "" "" M and P.
7. "" "" "" P and S.
8. Position bubbles #1 and #20 in the center on opposite sides.
9. Ear twist bubbles #3, #6, #9, #12, #15, and #18.
10. Wrap nozzle around center to hide.

These bubbles are very small and tiny

1. Wrap nozzle around one of the ear twist in 1st balloon.
2. Ear twist bubble #2.
3. Wrap point C around next ear twist, around 1st balloon.
4. Ear twist bubble #5.
5. Connect point F to next ear twist around on 1st balloon.
6. Ear twist bubble #8.
7. Connect point I to next ear twist around 1st balloon.
8. Ear twist bubble #11.
9. Connect point L to next ear twist (1st balloon).
10. Ear twist bubble #14.
11. Connect point O to next ear twist around, (1st balloon).
12. Ear twist bubble #17.
13. Wrap nipple end around the same ear twist that you wrapped the nozzle around.

1. Wrap nozzle around 1 of the ear twist of 2nd balloon.
2. Twist point A around next ear twist of 2nd balloon.
3. Do this all the way around the snowflake.
4. Cut most of nipple end off and wrap at the same ear twist that you wrapped the nozzle.

Put a handle on the back of this and you'll have a shield for a sword.

Put a handle on the back of this and you'll have a shield for a sword.

```
From batten@kodak.com  Tue Jun  9 21:18:33 1992
Received: from Kodak.COM ([129.126.13.69]) by gawain.cif.rochester.edu (4.1/1.15) id
AA01546; Tue, 9 Jun 92 21:18:33 EDT
Received: from kodak.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
        id AA20997; Tue, 9 Jun 92 11:31:58 -0400
Reply-To: batten@kodak.com
Received: from park.kp02.kodak.com by kodak.Kodak.COM (4.1/SMI-4.1)
        id AA28065; Tue, 9 Jun 92 11:31:23 EDT
Received: from kodak.Kodak.COM by park.kp02.kodak.com (4.1/SMI-4.1-DNI)
        id AA14326; Tue, 9 Jun 92 11:31:24 EDT
Date: Tue, 9 Jun 92 11:31:24 EDT
From: batten@kodak.com (James Batten)
Message-Id: <9206091531.AA14326@park.kp02.kodak.com>
To: balloon
Subject: snowman
```

OK, so this is a bit out of season, but it's nice to be ready for Christmas.

The Snowman

   This is really easy, but looks nice. I don't think it would create all that
much excitement for the kids, but has a good strong use as a decoration.. esp
if you combine it with a reindeer or two.

   I have not experimented to much with this so measurements may vary.

   Start with a small (one inch or less) apple twist. Now make two small
bubbles (about the same size as the apple twist) and do an ear twist on
each of them. It should almost look like a real small sword hilt. The two
ear twists should seperate the apple twist from the rest of the balloon, and
forms the snowmans hat.

  Make a one inch head, then do a birds body under that.(I would say a two
to three inch body would be good.) Now do a larger birds body beneath the
first one (four to six inches) and you should have a tail left over. If you
are real lucky it is smaller than the last bird body you made, if not...
carefully puncture it and let out air until it is.. Take the tail and stuff
it inside the bottom birds body and you have a snowman.. decorate with a
sharpie pen to taste. You can also make a tulip with a second balloon and
wedge it into one of the bird bodies and call it a broom.

   You will probably have to use a bit of tape to make it stand, but it would
look nice to have two or three of them along with a reindeer or two, and maybe
a Christmas tree set up as a center piece.

enjoy

SNOWMAN

Head and top part of body.

1. Inflate balloon leaving a 4" nipple end.\
2. Wrap nozzle around point B.
3. Push bubble #3 through the center made by bubbles #1 and #2.
4. Wrap the nozzle again around point D.
5. Twist together points D and F.
6. Push bubble #7 through the center made by bubbles #5 and #6.
7. Wrap nipple end around point D and hide what remains inside head or body.
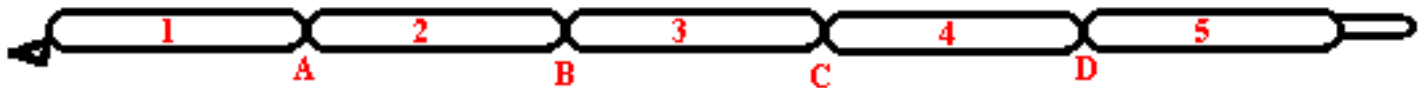
1. Inflate balloon leaving a 2" nipple end.
2. Wrap nozzle at point B.
3. Push bubble through center made by bubble #1 and #2.
4. Bring point D to the bottom and take bubble #5 back to the top of this section.
5. Wrap nipple end through and back until secured.
6. Then wrap nipple end the same way to first section of snowman to attach sections.

HAT

1. Inflate balloon to about 4".
2. Apple twist 1st bubble.
3. Ear twist bubble #2.
4. Ear twist bubble #3.
5. Ear twist bubble #4.
6. Cut most of nipple end off and tie.
7. Wrap the nipple end at point A a couple of times.
8. Bring the nipple end back down through ear twists.
9. Attach through the top of snowman head a few times to secure it.

ARMS

1. Inflate balloon leaving a 4" nipple end.
2. Ear twist bubble #2.
3. Wrap nozzle around the ear twist.
4. Ear twist bubble #4.
5. Ear twist bubble #7.
6. Ear twist bubble #9.
7. Wrap whatever is left of nipple end around ear
   twist created with bubble #9.
8. Attach arms at point E at the base of snowman's
   head.

HANDS

You can use scrap balloons with different legnths for hands

However I like to use the scraps that are at the end of the balloon so that
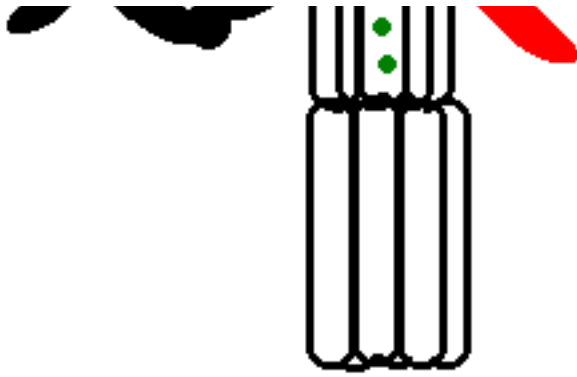I only have one tied end.

Attach as many of these to the end of arms as you want.
Just wrap the nozzle around the end of arm.
If you are using 2 tied ends. Just twist the bubble in half and connect at half
way point to the end of arm.

SCARF

Wrap center point around base of head.

```
From: Trvclown@aol.com
Date: Fri, 23 Aug 1996 16:47:30 -0400
To: Balloon@fooledya.com
Subject: woodpecker or Sonic
```

Hey Twisters,

I think I have finally stumbled across a sculpture that I could not find in
the guide it's a woodpecker or sonic depending on how old you are of feel.

Take a blue 260 inflate leaving about 3 inches uninflated.

Make a 1 1/2 bubble and make two 2" bubbles and lock twist take the remainer
of the 260 and loop over the 2" bubbles and lock twist. Make a 1/2" bubble
and a 3 bubble bird body, now make 2 legs and the rest in the tail.

I replaced the large loop over the eyes with a red balloon and showed it to
the kids, they immediately said it looked like Sonic. I was really thinking
he looked like woody the woodpecker but I'll settle for Sonic.

I know these are not the best directions but I hope you like it.

Happy Twisitin',

Tammy Chambers
a.k.a Traveler

```
From toddc@ihlpm.att.com Mon Nov  8 15:17:34 1993
Received: from gw1.att.com by mother.ent.rochester.edu with SMTP id AA04871
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 8 Nov 1993 15:17:34
-0500
Message-Id: <9311082017.AA04871@mother.ent.rochester.edu>
From: toddc@ihlpm.att.com
Date: Mon, 8 Nov 93 14:12 CST
Original-From: ihlpm!toddc (Todd A Claxton +1 708 979 2007)
To: balloon@mother.ent.rochester.edu
Cc: "Chris Pugmire, Hort Research" <chrisp@akv.marc.cri.nz>
Subject: Re: space man.

Chris,
        The spaceman sounds neat, but I cannot quite figure out the
head.  Your description says...

>>  Spaceman:
>>     Clear baloon,
>>             Small bubble,
>>             Tie end around buble then draw face on.
>>             Holding the twist end push into baloon and twist.
>>             Without letting go (try and extract thumb without BANG)
>>             Now just make a body,e.g.

        What exactly do you mean by "Tie end around bubble?"  Also, I
don't understand the next part describing the twist inside the balloon.
If you could clarify this some more I would appreciate it.  It sounds like
a neat balloon and makes good use of the trnaslucent/clear balloons.  Thanks!


        Note for Larry, What's this cowboy like?

                                        Todd
```

```
From moss@cvs.rochester.edu Mon Nov  8 17:08:00 1993
Received: from merlin.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA04909
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 8 Nov 1993 17:08:00
-0500
Received: from cheetah.cvs.rochester.edu. by merlin.cvs.rochester.edu (4.1/s) id AA05694;
Mon, 8 Nov 93 17:05:08 EST
Message-Id: <9311082205.AA05694@merlin.cvs.rochester.edu>
From: moss@cheetah.cvs.rochester.edu (Larry Moss)
Date: Mon, 8 Nov 1993 17:04:36 -0500
Organization: very little
X-Mailer: Mail User's Shell (7.2.5 10/14/92)
To: balloon@mother.ent.rochester.edu
Subject: Re: space man.
```

On Nov 8, 2:12pm toddc@ihlpm.att.com writes:
>   Note for Larry, What's this cowboy like?

OK, now that I've seen Chris' description, I see he used a different body
than I expected. At any rate, the only difference is the head. Fist,
I'll try to describe what I did with the spaceman's head (just tried it)
since I'm not sure if I did exactly what Chris suggested. Now that we
should all be caught up on the meatball, the easiest method to describe
is to put a meatball inside a 1-inch bubble. This is the head and space
helmet. The problem with this is that the head will bounce around inside
the helmet. It is a balloon critter though, so I don't think this is
really all that bad.

```
      _*_     <- knot
     / _ \
    |(_)|    <- meatball in here
     \___/
     /   \
     |   |   <- rest of balloon
```

My next thought was to keep the head anchored so it doesn't get away. I
made a small bubble (same size as I woudl make for a meatball). Pushed
the bubble into the rest of hte balloon and made teh equivalent of a
1-inch apple twist with the bubble inside the apple. To do this, as I
pushed the small bubble into the rest of the balloon, I stretched the
nozzle end so the knot went into the balloon first. Then I pinched the
knot through the large balloon and placed the twist just above the knot
as in an apple twist.

```
             push bubble in
       |
       V
     /\_/\
    |(  )|    <- meatball in here
     \_|_/
    /  *  \
    |   |   <- rest of balloon
```

For a cowboy you just make a hat. Make an apple twist followed by two
small bubbles. the small bubbles are each ear twisted to form the brim
of the hat. Then make a head.

```
       __
     __/  \__   <- apple twist
    (__\__/__)  <- ear twist
     /    \
     |   |      <- head
     \___/
```

```
Well, the picture didn't come out too good, but it really works.

Now for a body.  this is the same body that you may have seen as a muscle
man.  Some teddy bears are made this way too.  Just under the head, make
9 bubbles and lock the ring of bubbles together (at the base of the
head).  the even umbered bubbles are small.  The odd bubbles are about an
inch each.  Ear twist the even bubbles.  Pop bubble 5.  You now have two
arms.

            head
start and  |
end of 9   V   1-inch bubble for upper arm
bubbles\  __     |
       \ /  \   V
   ___  \__/____
  (_____/___/_) <- ear twist for elbow
    | |  |  |  | |
    |_|  |  |  |_|   <- 1-inch bubble for lower arm
    (_)  |  |  (_)  <- ear twist (half of a pop twist) for one hand.
         |  |

The legs are made teh same way.  For the strong man, one arm is usually
positioned so that the hand points up.  The other down as in teh
picture.  Turning the head gently gets the arms to move.

Larry
```

```
From balloon-request@cvs.rochester.edu  Tue Oct 24 23:00:32 1995
         id AA05248; Tue, 24 Oct 95 22:39:07 EDT
Date: Tue, 24 Oct 1995 19:38:43 -0700
Message-Id: <199510250238.TAA18213@ns.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Spiders
Cc: "Matthew R Savin" <Matthew.R.Savin@jpl.nasa.gov>
```

I seem to have lost my spider how to's, you see, I regularly
"clean out" my files, and try to export how to's I've received
and posted into Word, BUT occasionally, I lose them somewhere in the
computer, by putting them in the wrong place.....as I apparently have
done this time. Maybe when i posted my original spider junk, I accidentally
sent a personal message out, maybe it got lost in a
computer somewhere...mine or Larry's or somewehre in between, who
knows, and I shouldn't care, but why bother because it's lost now and
there's nothing I can do about it. So I'll just stop whining and figure
out how to write it up again. Or better yet....it was a tarantula
made out of 130's and since a lot you don't have any 130's, I'll just
try and figure it out in 260's and let all the 130 people convert it,
as they've no doubt learned to do already.

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*************************
Lorna's Tarantula
*************************
```

What you'll need: 6 black 260's Each will be referred to an (i), (ii),
(iii), (iv), (v) and (vi).

(i) inflate leaving about 5 1/2 inches uninflated. Make an elephant
ear with about a 5" section.make a 6" bubble followed by 1 ear twist.
Make a 10" segment, and then pop-off and tie off the 10" segment
(this is a leg).
Discard the rest of the balloon.

(ii) inflate leaving about 5 1/2 inches uninflated. Tie the knotted
end to the base of the elephant ear made by (i). Make another elephant
ear that is just a little larger than the one on (i) by wrapping it
around (i)'s elephant ear, so that it covers that crease(this is the
head of the spider). Make two ears twists, side by side at the same
point where the head meets the legs. Make another leg.

(iii) Inflate leaving about 4 inches uninflated. Make two elephant
ear twists, using an aprroximately 7" segment of balloon for each.
Make another leg.

(iv) Inflate leaving about 3 inches uninflated. Make an elephant ear
twist that covers tha crease of the two side by side elephant ears
you just made in (iii). (this is the body). Make two ear twists.
Make another leg.

NOTE:(these ear twists I keep having you add to the body and head
of the spider help to stabilize it so that it can stand and look
"in control" (for lack of a better term) when it's finished.

(v) Inflate leaving 4 inches uninflated. make a 10'segment,
followed by 1 ear twist, followed by a 6" bubble.
(yes, this is a leg, made in reverse order). Connect the twist that
comes just after the 6" segment to the body of the spider. Just twist
it to the space between where the body meets the two bear ears twists.

Then connect it to the head section, using the same method.
Arrange all the legs so that the ear twists help to push them apart, and
buuckling under.

(vi) Inflate leaving about 4 inches uninflated. Mske another leg
in reverse, like you did on (v) but this time make 2 ear twists, atthe
knee-joint. Attach this section to the head, making sure that the two
legs created by (vi) will be sticking out ahead (they'll be the
fore-legs of the spider). The placement of these legs shoould be
DIRECTLY ABOVE the front legs, between the head and the body.

As the spider faces you, the outer elephant ear on the head should be
horizontal, and the elephant ear that holds the body together should
be in a position so that you can see the two pieces that it covers
protruding out of the O it forms...that is, you should see the filled
in O..does that make sense?
If all the legs (except the ones that go behind the head)have been
lined up so that they all are coming from the same level, the spider
should stand on 6 leags and be stepping foreward with the other two.

Draw eyes and fangs where you think they look best......

And let me know what you think!!!!!!!!!!

This Tarantula can be made with 4 130's, and looks pretty cool.

OK, so have at it folks!!!!!!

---Lorna
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```
From balloon-request@cvs.rochester.edu  Mon Oct 30 09:48:08 1995
        id AA29004; Mon, 30 Oct 95 09:38:25 EST
From: kkinney@med.unc.edu (Kevin Kinney)
Message-Id: <9510301438.AA08590@addor.med.unc.edu>
Subject: Modified Spider
To: balloon@cvs.rochester.edu (Balloon Mailing List)
Date: Mon, 30 Oct 95 9:38:12 EST
```

Hi Folks,
        Well, a couple days ago I posted a rather frantic message, looking
for help on knowing how much to blow up a balloon for designing a new
creation. This follow-up is to thank the folks who responded. With your
help, and a little trial and a lot of error, I am pleased to announce that
the now, modified spider will live!

        Also my apologies for sending what I will now reveal to be only
partial instructions for my little horror before. I was in a frenzy
trying to get it right, and only sent details of the "problem" balloon.
Anyone who tried it got something that would, at best, look like part of a
spider, as one respondent pointed out (and very politely, I might add).

        Anyway, I'll now post the *complete* model, for your use/scrutiny.

        A few notes: As I said, this is just basically a modification of
Lorna's tarantula, which I undertook when inspiration hit because: 1) I
was having trouble with her model (probably due to obtuseness on my part);
2) I wanted a spider that had intrinsic fangs and eyes, rather than drawn
on (my personal taste, coming from origami experience); and 3) I wondered
if it could be done with less balloons.
        This is my first "public" creation, so feel free to make
comments/suggestions.

        And yes, Lorna, I'm inflating by mouth. Not because of any
moral/professional bias, but because I'm strictly a "recreational"
twister, and there's no need for a pump for the few balloons I do.

        OK, here goes:
        Kevin's Modified Spider
        You need 5 260's. I recommend that they either be all the same
color (black, brown and red are all good), or that you have balloon (i) be
one color and the rest be another (my personal favorite: (i) is red, and
the rest black. Makes a really intimidating arachnid)

(i) The problem balloon. Inflate leaving 4-4.5 inches uninflated, then
let a little air out to soften. Make a 2 inch bubble, followed by an ear
twist. As you go along, encourage the air to keep moving toward the end
of the balloon, but don't make any bubbles softer than necessary. You're
going to need every last inch of this balloon.
        After the ear twist, make 3 3.5-4 inch bubbles, and form a bird
body. That is, lock the distal end of the second bubble to the first
bubble where it connects with the ear twist, then roll the third bubble
through these two joined bubbles.
        You have now built one fang (the 2 inch bubble), an eye (the ear twist)
 and the "head" (the cephalothorax, actually, for you arachnophiles).
        Now, from the back of the bird body, make an 8-9 inch elephant ear
(as Lorna pointed out, this is basically a loop, like an ear twist, but
with a longer segment). Make another one of these.
        You now have the head assembly (minus an eye and fang) with two
loops coming out the back, and a "tail", hopefully about 7-8 inches long,
left over. Position these loops side-by side, so that the
holes in the loops are lined up with each other, and so, if you wanted to,

you could look through the holes when looking from the side of your
soon-to be spider. We'll deal with the tail in a moment.

(ii) Inflate another balloon, leaving about 3 inches uninflated. Make a
7-8 inch bubble, followed by an ear twist, then a 6-7 inch bubble. Lock
the distal twist of this last bubble into (i), at the point where the bird
body meets the loops. now make another loop, just larger than the (i)
loops, out of (ii), by looping the rest of (ii) around the other loops,
perpendicular to them, binding them together, side by side (this new loop
now covers the hole in the other two loops, and the two small loops fill up
the hole in the new loop). Bind the end of the (ii) loop into the same
place as it began (the bird body/loop junction).
        You now have most of the head (that tail is still there) and the
abdomen (those three loops), and a leg.
        Use the rest of (ii) to form another leg on the other side of your
spider: a 6-7 inch bubble, ear twist, and a 7-8 inch bubble. Tie and pop
off any left over (I didn't have much).

(iii) - (v): These will be the legs. Construction of each is the same:
Inflate leaving 3 inched uninflated. Make a 7-8 inch bubble, ear
twist, 6-7 inch bubble, another 6-7 inch bubble, ear twist,
7-8 inch bubble, tie and remove the rest.

Fun part: take (i) and make a 1 inch bubble in that leftover tail. Put
the middle of one of the leg constructs (at the joint between the two 6-7
inch bubbles) onto the end of this one inch bubble.
        Make another 1 inch bubble on the tail, and put another of the leg
assemblies on it.
        make a third 1 inch bubble, followed by an ear twist. You should
have about 2 inched left of the (i) balloon. The ear twist is the other
eye(OK, spiders have something like 8, but that anatomically picky I'm
not), and the last bit is the other fang.
        Put you final leg assembly at the last 1-inch joint with the ear
twist/eye, and then carefully lock the ear twist/eye in with the first
ear/eye, at the point where it joins the bird body.
        Position legs for maximum spooky effect, and serve.

Well, these instructions are clear to me, but if they are unclear to you,
let me know.

Kevin Kinney

```
From balloon-request@cvs.rochester.edu   Thu Jan 25 14:55:27 1996
          id AA01044; Thu, 25 Jan 96 14:51:39 EST
Date: Thu, 25 Jan 1996 14:51:30 -0500
From: CHACHACBA@aol.com
Message-Id: <960125145120_126992135@emout05.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Starship Enterprise
```

In a message dated 96-01-25 06:27:19 EST, you write:

>If you mean the one where the saucer is a spiral, you just make it the right
>size so it holds itself closed. It can't take rough treatment but it stays
>pretty well. Tape or glue would let it be played with more.
>Is that what you ment?
>
>

Another method to hold a spiral together is to tie it with an extra long
nozzle. I then spiral the balloon with the knot in the center and pull the
nozzle out and around the outer edge of the spiral tying it to itself in the
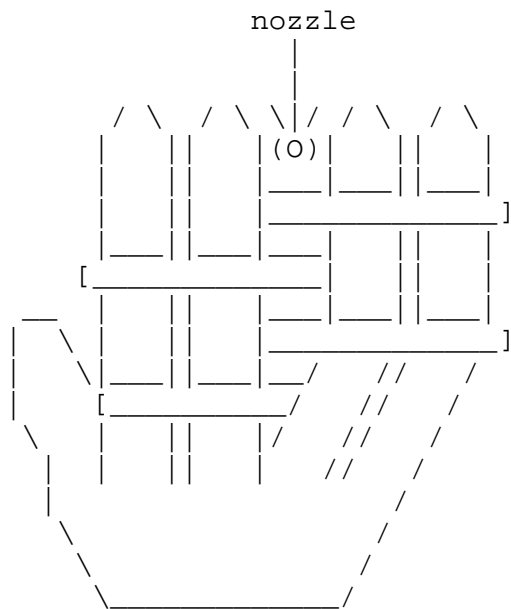center on the other side. It takes a little practice but it holds fairly
well.

CHA CHA

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Date: Thu, 16 May 96 18:06:11 -0500 (CDT)
To: balloon@fooledya.com
From: bloonman@airmail.net (John M. Holmes)
Subject: Re: Spirals
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>While on the topic of spirals, does anyone know a way to do spirals without
>a second person helping? No matter how I've tried, I always seem to need
>that third hand.

Third hand ballooning? I always hated to get stuff third hand. This may not
be new to some of you, but it's new to me. Using Patty Sorell's post on the
spiral, try making the Vulcan "Live long & prosper!" hand sign. Using this
hand configuration, grasp the nozzle of the balloon between the thumb &
index finger. While stretching stightly, wind the balloon back and forth
around the two finger groupings as per the illustration below. The nozzle
should end up in the center, at the top, between the middle & ring fingers.
BLOW!   Add in your favorite twists & garnish w a Sharpie to your heart's
content to make a snake any man-child would be proud to have. If it hasn't
been posted before, consider it share-ware. If it has been posted before, I
give credit to the author of that post.

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John,The Balloon Man-Dallas.

From balloon-request@fooledya.com Wed May 1 13:42:31 1996
From: kkinney@med.unc.edu (Kevin Kinney)
Message-Id: <9605011734.AA26065@addor.med.unc.edu>
Subject: The Beast
To: balloon@fooledya.com (Balloon Mailing List)
Date: Wed, 1 May 96 13:34:44 EDT

Straight from the super-hyped NBC miniseries!

The Beast! (a giant squid)

Okay, this is not all that tricky, but I felt like posting a sculpture,
and I just made this one. It has what I think is a neat bit at the end...

Giant Squid

You need:

6 260Qs
A piece of a 350, if possible (If not, a 260 will do)

A 130 (optional, but nice)

Colors: Squid are masters of color change, so use whatever you like. I
did black and purple, with white eyes. Amuse yourself.

I personally recommend preblowing all of the 260's, then letting them
deflate and re-blowing. Make them softer, and they seem longer and, well,
more squid-like.

Directions:

Blow up 2 of the 260's, leaving an inch or so uninflated. Squeeze to
distribute the air. Twist them together in the center. Line up all 4
segments, and lock twist them together between 1/3 to 1/2 way along the
length, measuring from the end with the first lock twist.

You now have something that looks like a football with four tentacles.

Next two balloons:

Inflate them, if possible doing them as loose curlies (see the Guide) leaving
1-1.5 inches uninflated. For each balloon, put an apple twist in *each*
end (optional, but they suggest suckers to me). Put a twist in the center
of each balloon, and lock it to the first unit, where the "football" meets
the four tentacles. Do this for both balloons.

Now you have a football with 8 tentacles.

Squid have 10 arms, so:

Last 2 260's: Inflate 'em as very loose curlies (wavy, rather than
curly), leaving them a little soft. Apple twist the non-nozzle end only
of each, then use the nozzle to tie these two tentacles, which are much
longer, to the squid body/tentacle junction.

Now the eyes, which I think are neat:

Take the 350, I recommend white or red, and make a yo-yo/suction cup.
Directions are in the Guide, but in brief: Inflate 3-4 inches, make an

apple twist, hold it, and cut off the rest of the balloon. Squeeze so
that the twist moves to the inside of the torus/balloon. Now twist the
bubble in half, making something like a yo-yo (I know, this isn't terribly
clear. Check the Guide, that's where I learned it). Lock these to one of
the bubbles forming the body, as near to the junction with the tentacles
as possible. Makes a great pair of eyes that look remarkably
cephalopod-like (i.e., they'd also be good for octopus).

Adjust the curl of the various tentacles.

Voila! Jumbo Calamari!

Oh, yes, the 130. My squid looked a little hungry/lonely, so I made a
little person out of the 130, and wrapped one of the long capture
tentacles around it. Much better.

I'm planning on putting the prototype onto a hat for my department head's
birthday...

Kevin Kinney
kkinney@med.unc.edu

From: "Dave Beedy" <DBeedy@ix.netcom.com>
To: "Balloon mailing list" <balloon@fooledya.com>
Subject: St. Bernard
Date: Tue, 12 Nov 1996 08:38:12 -0800

Hello to all,

Yesterday I posted a note that offered instructions for a St. Bernard by
return private E-Mail. I got several responses and among them was this from
Arla Albers:

>>>If it's not copyrighted, why not just post the directions for all
>>>of us? P L E A S E???

>>>Arla

I am posting the instructions with this message. One comment, before that,
however. I hope that WE (that's ALL of us) never get to the point where we
have to worry about which balloon creations are copyrighted and trademarked
and which are not. One of the most enjoyable parts of this balloon list,
and of twisting in general, is the free flow of information and the
friendships that seem so easy to establish with other twisters. From the
newest "NEWBIE" to the giants of our insdustry, we need to insure that we
don't change that as we grow.

On a personal note, I look forward to meeting all of my fellow twisters at
the class that is being held at All American Balloon Supply in Santa Ana,
California on Wednesday night!!

Dave "Buttons" Beedy
Chino, California

St. Bernard Dog

The hardest part of this is making the proportions come out right. Practice
and try to adapt to your style of twisting.

Inflate a 260 leaving about 3-1/2" uninflated - tie off the balloon.

The head is first - I normally do a pretty regular head - 1-1/2" bubble for
the snout and two 1-1/2" to 2" bubbles for the ears. The neck should be a
little longer than usual because you are going to add the Keg at the end. I
normally make it a bubble of about 2-1/4" to 2-1/2" .

For the front legs I use a simple loop of about 3-1/2" to 4" per side. I
am usually doing these with a long line waiting and speed is important. You
can, however, do some fancier legs if you have the time. Keep in mind that
the body is going to be larger than usual and you will need longer legs.

The body is a standard bird type body three bubble roll. First bubble is 4"
& a twist. Second bubble lays back along side the first, same length, and
is twisted in where the neck, front legs, and first body bubble all come
together. Third bubble is back long side the other two, same length, and
twisted. The third bubble is then rolled in between the first two to keep
it in place and complete the body. I usually rotate the body so that two
bubbles are on top and the third is toward the bottom of the legs. You will
now know if you made the legs long enough.

Back legs are a repeat of the front. I use a simple loop like the front,
but experiment and see what you like. The balance of the balloon becomes
the tail. This dog looks its best when the tail is kinda short. I like it

to be a bubble of no more than 1-1/2" to 2". If your tail is a lot longer
than this then make the three bubbles for the body longer and/or make the
legs a bit longer. Like I said up front, proportions need to be practiced a
bit.

The keg is just a tulip with the end inserted in the top of the tulip to
form a loop. Inflate a 260 and form a small 2-1/2" - 3" bubble. Tie off the
balloon. Hold the bubble where the uninflated part of the balloon meets the
bubble. With the other hand push the knot down into the bubble and when it
gets to the bottom of the bubble grab it with the hand holding the bubble.
Gently slide your finger out of the bubble. Grag the outside of the bubble
and twist it around 4-5 times while holding on to the knot. Push the knot
up into the bubble in the same direction that it came from. Shape the
bubble to look like a small cylinder. Take the uninflated end of the
balloon and push it into the top of the tulip. Push it deep enough so that
it will stay. It should be near the knot in the middle of the bubble.
Remove your finger and slip the Keg over the Dogs head and your St. Bernard
is done.

If you have any problems with this let me know.

Dave "Buttons" Beedy

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Date: Sun, 2 Feb 1997 14:37:51 -0800
From: kissle@ix.netcom.com (mark muse)
Subject: Re: Star Wars Ideas
To: Balloon@fooledya.com">X-Wing Fighters - A modified 2 balloon airplane (still working
on
```

ago, so on a day off I sat down with the "Trilogy" a pot of coffee
and a pile of balloons. I came up with two designs that are quick,
an X-wing and C-threepio.
              Kissle's X-wing
     Ingredients: 2 gray 260Q's, 1 blue Sharpie

ships body
     Balloon#1: Inflate leaving 4", 5" bubble, 4" parrot body,
2.5" parrot body, 2.5" bubble, twist the rest into the crease
between the parrot bodies so the 2.5" parrot body has four bubbles.
remove excess later.

Wings
     Balloon#2:Inflate leaving 2", 9" bubble, ear-.5" bubble-ear(pop
twist, or pinch & pop series), 9" bubble, lock twist the 9" bubbles,
now repeat the previous steps(starting w/ the 9" bubble) and leave
a 2" bubble after the lock twist, with practice there should be no
excess balloon.

Twist the crease between the wings into the crease between the parrot
bodies on balloon#1, the 2" bubble is R2D2-detail him with the blue
sharpie,remove excess from balloon#1,adjust so wings are at the sides
and R2 is on top, pop the pop twists to form X-wings, adjust.
 You can twist 130 "guns" in the ears of the pop twists if you like
although it looks fine without them.
         this design is quite popular with dads and you know what that
means tip-wise. Generally kids under 8 years(and moms) do not know what
an X-wing fighter is without lenghty explanation.

If you have comments or criticisms please e-mail me personally!!

     May all your pops be intentional!
        -KISSLE

```
Date: Fri, 07 Mar 1997 22:38:43 -0800
From: 4everyoung@interwebb.com (4everyoung)
To: balloon@fooledya.com
Subject: STAR WARS!
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Hi!
Have I got Star Wars Balloons!
After weeks of thinking, experimenting and ,of course, popping, I have come up with some
pretty impressive Star Wars 260Q sculptures. I may be making a total fool of myself, I
have not been on the mailing list that long and am not sure that Star Wars sculptures
are not already posted.
So here goes nothing.

Darth Vader: (2 black 260Q's, one red 260Q, 1 sheet black construction paper)
1- Make one typical human figure (will differentiate when you reach the neck, so don't
go ahead of me), if you do not know how to make a human, e-mail me and I will point you
in the right direction.

2- by the time you have twisted the upper-half of the torso together, you should have
two long ends hanging out, these will become head and arms. Take one end and loop-twist
the size of a head (use your own judgement when making head size in proportion to the
body) continue to use up the rest of that end, making an arm. Use second end to make an
arm, (you will have a longer end than the other arm, since it was used partially to make
the head. Don't worry, this excess will be used) arms should be the same length, let
the extra slack (lack of a better term) stick out from underneath the hand: this will be
the handle of his light saber. Inflate red 260Q to length of desired light saber: again,
use your own judgement. Twist light saber into hand with handle until secure.

3- Cut out a 1"x2" rectangle from c. paper, fold in half lengthwise cut as shown.

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|  \<----cut made on this diagonal
|   |
|   |<---folded edge
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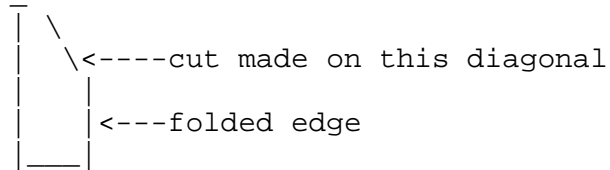
Unfold and staple to acute corners together, should have a small hat that can be taped
to head of figure. Trust me, it will look better in combination with grill face mask

4- Cut out following pattern, can't think of lengths off hand but it should cover bottom
portion of figure's "face".
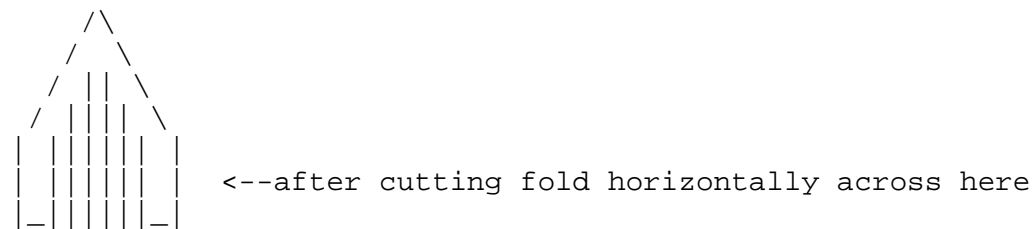
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***These should all be continuous cuts

Tape to front bottom area of figure's "face"

Take remaining construction paper, (you should have a lot left) and make a cape, attach
as you best see fit: stapler, tape

VOILA Darth Vader, come on use your imagiation!

C3PO-
MAKE A YELLOW HUMAN FIGURE AND DRAW ON IT UNTIL IT LOOKS LIKE HIM

```
Yoda: 1 green 260Q, one black/white 260Q
Inflate green, leaving 10 inches un. Twist into 1" bubble, make 3"- loop twist with ear
twist in middle, pull 1" bubble through loop almost all the way,


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      ____|_|
     (____)O(******remainder of balloon*******
         |_|

inflate second balloon, leaving 3-4" un.
make 1" bubble, ear twist with one 3/4" bubble, make a 3-4" loop twist:

      //\\
      ||||  <loop twist
    __\\|
   (__()<ear twist*******remainder of balloon

twist a second ear twist next to first one:

      //\\
      ||||    <Body
    _\\|_
   (_(|)_) <leg, the other one on the other side is the other leg
     ^^
     two ear twists forming yoda's buttocks

Thread remainder of green balloon through loop of body, make second loop twist from
green balloon (also with ear twist in center, at same level), pull remainder of ballon
through loop, tie off and cut off flat excess, twist the 2 ear twists together in the
green ballon so the two loops are secured to eachother, forming yoda's head sitting on
to of his body

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    (___)(|)(___)
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       __|_|__
      (___|___)
AGAIN, USE YOUR IMAGINATION, IT LOOKS MORE LIKE HIM IN REAL LIFE
If you can't understand any instructions, please e-mail me, I will be happy to explain
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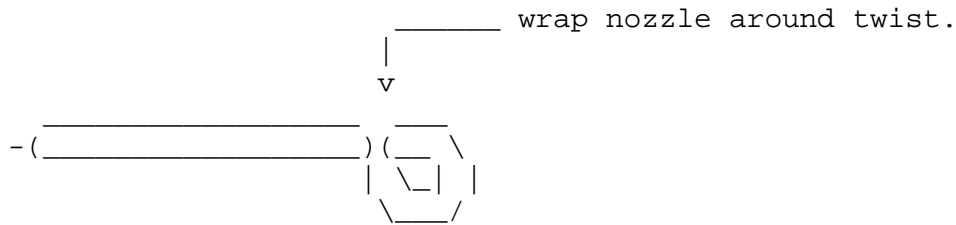
```
From lm03_cif Thu Feb 13 16:25:22 1992
Received: from gawain.cif.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA21338;
Thu, 13 Feb 92 16:25:11 EST
Received: from uhura.cc.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id AA05795;
Thu, 13 Feb 92 16:21:50 EST
Received: from troi.cc.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA21321;
Thu, 13 Feb 92 16:24:50 EST
Message-Id: <9202132124.AA21321@uhura.cc.rochester.edu>
From: lm03_cif (Larry Moss)
Date: Thu, 13 Feb 1992 16:24:50 -0500
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@gawain.cif.rochester.edu
Subject: enterprise and tricerotops
Status: O
```

Actually, I'm only going to give a description of making the starship
enterprise. Tricerotops(sp?) is in the subject because I need to come up
with a way of making one. A friend of mine keeps asking everytime I see
her if I've done it yet. I've played around a bit but I haven't produced
anything that comes particularly close, so if anyone has any ideas please
let me know.

Now, something to give to all those trekkies out there - the NCC-1701-D.
Get the D right or there's bound to be trouble. The enterprise D is the
one used in "The Next Generation" and the balloon figure I made looks
most like that one. (I'm not a trekkie myself, but I live with a couple
of 'em.)

Fill a balloon, leaving about a 4 inch nipple. I like doing this with a
280, but a 260 will do. Make a large bubble that's at least 6". If you
do it with a 280 you can make it larger. Bring the nozzle back around to
where you twisted off the bubble and tie it off. This forms the large
disk on the front of the ship.

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                           _____ wrap nozzle around twist.
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         _____  ____
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                         | \_| |
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make a 2" bubble, followed by a 1" bubble. the 1" bubble will be ear
twisted. It serves no real purpose other than to form a joint in the
balloon so that there will be an angle formed between the two connected
parts.

```
                      / /
              _____ / /
             _____)( )  <---- ear twist joint
```
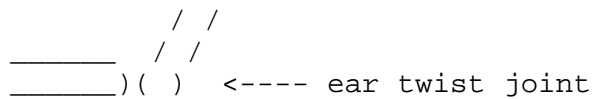
Now, make bubbles that are roughly 3" (long skinny body of ship), 2", 1",
3" (these last three form the engine and the arm that connects it - the
1" bubble is another ear twist joint). Now make the three bubbles needed
for a pop twist (three 1" bubbles should be good). Now make the other
engine and connect back to the body of the ship. When you connect back
leave as small a bubble as possible (that will still hold everything
together) as a tail.

side view showing 1 engine (the other engine is hiddne from view):

```
                    v---- engine
                   ____
    joint ->  ()(____)()  <--- ear twist remaining from pop twist
              | |_____
    tail  -> ()\-(_____   <-- body
```

Let me know if that doesn't make sense.

Larry

From balloon-request@cvs.rochester.edu   Sun Jan 21 20:01:50 1996
         id AA16083; Sun, 21 Jan 96 19:59:27 EST
Date: 21 Jan 96 19:58:24 EST
From: "JOHN M. HOLMES" <102621.1047@compuserve.com>
To: Air traffic control <Balloon@cvs.rochester.edu>
Subject: Defense or offense?
Message-Id: <960122005824_102621.1047_GHS47-2@CompuServe.COM>

Mark,
    You sure sound like youv'e had the experience! I had no idea you could make
all that perimeter stuff w/balloons! Are the instructions in the archive & if so
under what heading? I really need to know. A year or so ago, I had someone
red-dot me w/a lazer sight at the same mall. No bets on whether it was attached
to a balloon gun or not. I don't carry weapons of any kind when I'm out. If
confronted by a robber, I'll empty my pockets. I will protect myself, if
physically accosted and give it my all to win too!

I hope you realize that this is not the norm.(I've a sneaking feeling you do.)
We are, most always, a very happy lot. You just happened to read two ballooners
worst horror stories. These kind of things almost never occur. "As rare as
horse-feathers" & "As common as chicken-lips or hens-teeth." would sum it up
nicely. Twisters new to the trade need not fear venturing out into the world of
pop art. Maybe these accounts will help "newbees" to think about arming
themselves, not with "shooters & shockers", but with "shuckin' & jivin'"!

Tom,
    I've been to New Orleans during Mardi Gra. I'll never go again. If I lived
there, I might rethink my deadly weapon policy. That is the place for the land
mines. My original post that started all this mess was answered by you. If you
fix the broken balloon then & there, those in line know you'll take care of them
too. I was looking for a reason to be adjust my policy & remain fair at the same
time. Thanx.

Larry,
    How am I doing on my linguistics? Better, I hope. Careless does hit the
proverbial nail on the head, though. How many puppies does it take to fill a
260Q? The world may never know, if it even wants to.

Am I just crazy, or does posting numerous notes in one e-mail save space by
eliminating all that header info? Would it be better this way or that?

Pooch after-life,
    If only this thing on feline funeral flight had come along before "ASH"land
balloon went under, we might still have gray 260's to play with. There it is
again; gray 260. I"M STILL LOOKING FOR A GRAY 260! I need everyone's help.
Please, please, PLEASE send me any info on any company that makes skinny
balloons. I will leave no stone unturned in my pursuit.

The Crimson Strobe,(The Red Flash)
    You were right to put your thoughts & feelings out here. How else can any of
us grow & learn unless we get the opportunity to glean from the thoughts of
others. I need not agree with all you say to gain from one, or more, of your
ideas.(which, I did). You have alot to give & I have alot to learn(Cha-Cha too;
give, I mean.). If I take offense at any posts, I look to me first.
Why am I hurt? Was I wrong? Did the other person try to hurt or help? Was it a
personal affront meant for me or a word on the subject to express ones views? We
have ,Oh, so many other things to fume on, such as, a person in our line that
has it in for the world & chooses us for their focal point.(sound familiar?)

Alexandre,
    I only have one video out at this time. It's on my E.Z. hat collection. I'm

starting on my 2nd tape & want ideas on what to include. My format is 2 & 3 balloon cartoon critters and other things that take around 2 to 3 minutes. If you think of anything you'd like to see let me know.

Lucky,
    You'll need 3-white 260's & 1 white 6" heart. Inflate the heart to somewhat soft, lobes slightly pooched. Tie the knot as close to the nozzle as possible, now set it aside. inflate one 260 leaving about 1" to 2" flat (uninflated). Tuck it under your arm & retrieve the heart. Twist one of the lobes off into a bubble 4" to 5" across. This heart bubble needs to have at least 3 full revolutions to keep the chambers from reuniting. Take 260 in hand while not losing the heart bubble and twist off a 1" bubble. Wrap the 260 around the small heart bubble so it is rather tight. Twist a spot where the 1st. bubble(260) & main chamber meet, and spin them together. Position the 1" under the main chamber. You now hold the hold & saucer stem in your hand, so proceed with care! Measure off a 6"to 8" lengh of the remaining main chamber & twist.(the balloon should be full by now-if not, "make it so.") Twist off a 1" bubble at the end of this balloon & join at the twist between here and the heart. You should now have a circle joined to your hold & saucer stem. It's the bridge! If it ain't round, "Make it so!". YELLOW ALERT! THE PYLON TUBES HAVE IMPLODED & NEED TO BE REPLACED! Captain , I'll need replacements soon! the Romulens are reported to be in this sector!"" Okay, Scotty, I'll do what I can. Uhura, patch me through to Lucky. Put him on screen""Eye, sir..On screen, Captain."" Lucky, this is Captain Kirk on the starship Enterprise. Our pylon tubes have inadvertinly imploded . I,m told that you are the only one in this parsect who can effect the necessary repairs. I,m sending a shuttle to your location to bring you here. It will arrive within the hour. Kirk out!" I hate it when he doesn't wait for a reply! Well, I hope you're up to the task. Here's the rest of the plans that you'll need to "effect the repairs"! Inlate the last 2-260's but for about 3" to 4" and tie end to end. Twist a 4" & a 1" on each. Ear twit the 1"ers & twist them together. Place the ears on one side & mains on the other. I'll bet you thought I forgot the heart. NOT! Push the nozzle end of the heart main chamber through the opening between the 2 ears & the 2-260 nozzles tied end to end. Are you getting the picture? Face the mains of the 260s toward the saucer section. Twist off a 4" & 2-2" bubbles on one side. Ear twist the 2-2"ers & face the remainder away from the saucer section. Repeat prior process. Trim the pylon tubes to suit. Take a Sharpie permenant marker and...
Wait a minute! Do I need to spell it out for you? O.K.! ....write "NCC-1701" on the front, top, center of the saucer section. If you have any questions post me personal. I'll expect a full report of your progress on my desk in the morning. That is all; you're dismissed. Good luck, lucky.

Louise,
   Please don't be put out with me, but one figure per post, per week is about all I'm good for. That's the bad news. The good news is, tomorrow is not just another day; it's also a new week. How about a fiddle?

Cha Cha,
    A one balloon mouse on a 4-wheeler? I'll trade ya for a one balloon hot-rod 1/4 miler bike, complete with rider.

I'm done now. Who's next?

John,The Balloon Man-Dallas.
```
oOo oOo
\|/ \|/
 $   $
  \O/
  {J}
  / \
 /   /
```

John,The Balloon Man-Dallas.

```
oOo oOo
\|/ \|/
 $   $
  \O/
  {J}
  / \
 /  / P.S.: Pop-o, What format did you send that picture in so I can try &
fogive you also?
```

```
From balloon-request@cvs.rochester.edu  Fri Jan 26 00:38:22 1996
          id AA08762; Fri, 26 Jan 96 00:36:04 EST
Date: Thu, 25 Jan 1996 22:28:41 -0700 (MST)
From: rogerj@freenet.edmonton.ab.ca
To: balloon@cvs.rochester.edu
Subject: Enterprise-like Balloon Sculpture
In-Reply-To: <9601250436.AA12689@cvs.rochester.edu>
Message-Id: <Pine.A32.3.91.960125221724.73924A-100000@freenet.edmonton.ab.ca>
```

Oooo, now I've done it... a lurker no more, I... Now for the ASCII thing:
The easy Starship Enterprise

* I've had the opportunity to study about 6 designs. This is the fastest
I've seen. You need 2 white 260's

Inflate one to within 4 inches. Tie off. Tulip twist a two-finger
bubble. Make a 4-6 finger bubble. Lock off with a two-finger eartwist.
Make a 4
finger bubble, a 2-finger bubble, two 4-6 finger bubbles and a 2-finger
bubble. Eartwist the two 2 finger bubbles together. Make a 4 finger
bubble and a 2-finger eartwist. Break the end and tie off with an eye
towards tulip twisting the end to match the beginning... what you'll get
are the two nacelles, their arms and the hull of the ship. If you don't
like the two eartwists at the bottom of the nacelles, you may adjust to
one.
   Inflate the other 260 to at least within 6 inches of the end. To
make the saucer, twist off one or two "hoops" (if two, they must be
concentric and nested one in the other). Tuck the "tail" through the
centre of the hoop(s), leaving a small hump to represent the bridge.
Twist a two finger bubble in the end of the remainder of the "tail". Roll
the bubble around the apex of the hull in balloon "one." Shape the
support to the saucer and eartwist the two finger bubble to hold it in
place. Cut off the remainder of balloon "two."

WARNING TO BEGINNERS:
Putting the second tulip twist into the end of balloon one and making the
saucer so it will hold its shape are the hardest parts. The old adage of
"Practice, practice, practice..." holds true.
   Your patience will be rewarded by the ability to crack off an
"impossible" figure in the same time as many other "standards."
I won't turn anyone away who gets to the front of the line.

                    email: rogerj@freenet.edmonton.ab.ca

```

On Thu, 22 Jun 1995, Julian Orbach wrote:
> Would anyone care to describe the *body* of a teddy-bear?  The head of
> the teddy-bear appears in the archives, but I haven't been able to
> find the lower-half.  The classic dog body just doesn't look right -
> especially the tail!

I've seen quite a few variations on this.  The simplest and the one I do
most often is simply a small neck (between .5 and 1 inch), followed by 2
ear-twisted 2-inch bubbles for arms, a 2-inch bubble for the body, and 2
more ear twisted legs the same size as the arms.

You could also form the arms and legs by making pop twists.  That is,
make a loop of 5 bubbles that start and end at the neck.  Bubbles 1 and 5
are teh arms.  2 and 4 will be hands.  ear twist the hands (twist several
times).  Pop the middle bubble.

> Also, the swan can be a very effective model - if its neck stays in
> place. I have the problem that the neck wants to undo, and spring
> forward.

There are a number of swans out there, so I'm not sure if this answer is
appropriate.  You need to pull apart the bubbles forming the body where
they approach the neck.  Then force the neck back into that spot.  When
you release the body bubbles, they should pinch the neck in place.  That
help any?

Larry

```
From balloon-request@cvs.rochester.edu Fri Jun 23 12:58:16 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA11760
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Fri, 23 Jun 1995 12:58:16
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA13287; Fri, 23 Jun 95 12:57:43 EDT
Resent-Date: Fri, 23 Jun 1995 11:57:20 -0500
Old-Return-Path: <mabg9646@uxa.cso.uiuc.edu>
Date: Fri, 23 Jun 1995 11:57:20 -0500
Message-Id: <199506231657.AA26851@uxa.cso.uiuc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: Mark Balzer <mabg9646@uxa.cso.uiuc.edu>
Subject: Swan
Resent-Message-Id: <"TaCg73.0.ZF3.6Alwl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/357
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

>You need to pull apart the bubbles forming the body where
>they approach the neck.  Then force the neck back into that spot.  When
>you release the body bubbles, they should pinch the neck in place.

Dewey's swan is my favorite and doesn't require doing what Larry describes.
It involves making two loops and leaving a neck.

```
         _____  _____
  ===(_____)(_____)   <= side view of two loops
                       +O(_____)

                       O is a small bubble made first - at the nozzle
    ,_.                = is the nipple
 =<_  \                + is the nozzle
   ) /
  / /      _           Stick the smaller loop through the larger as shown
 ( (___.,-'  )         Give the neck a curvey shape and make a bird beak
  \(___.`--<           Tuck the "O" in underneath the body
   (____>-._)
```

I draw eyes with fancy eyelashes, then, as on all my birds, I always put
two dots (nostrils) on the top of the beak near the head. It makes them
look more realistic.

One book I have describes how to make a swan lay an egg. You need to twist
and tie off 3 small bubbles at the nozzle end of the balloon. Then make
the swan. The first bubble becomes the egg. You reach in under the swan
and pop the second one to release the egg. The third one is the "O"
described above. A pink swan with 2 drinking straws for legs is a flamingo

Mark

```
    o
   <M>
  _/ \_
```

```
From balloon-request@cvs.rochester.edu Wed Apr 19 12:48:12 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA12930
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Wed, 19 Apr 1995 12:48:12
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
         id AA08723; Wed, 19 Apr 95 12:24:17 EDT
Resent-Date: Wed, 19 Apr 1995 09:21:19 PDT
Old-Return-Path: <cardinal@informix.com>
Message-Id: <9504191621.AA09617@pythagoras.informix.com>
To: balloon@cvs.rochester.edu
Subject: Swords
Date: Wed, 19 Apr 1995 09:21:19 PDT
From: Edward Cardinal <cardinal@informix.com>
Resent-Message-Id: <"gBJau.0.C82.maJbl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/172
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Thanks to Marvin for his tips on unravel-proofing.

Marvin mentioned swords, so I thought I'd put in something I have been
working on for thge past few days. It duplicates his tip about the triple
handle, but I'll include it anyway.

SWORDS: Once you make one, everyone wants one (to keep parity, I guess :-)

Well, if I am going to give in and make them, they might as well be good.
Here are two models I like. On both, start with a _fully_ inflated 260 (no
tail), then bleed out a little air -- just enough for a few twists. There
are few things worse than a limp balloon sword. :-)

* "Foil" type:

I make the "guard" with THREE loops instead of the usual two, and the blade
part seems more stable. I use a sword-making trick mentioned in a past
post, and take it one step farther:

```
                        Twist all together
                              |
                              V

                  _____
 knot end-> o(_____     )
                   (   _____)
            _____(_____    )
    ..._____)
   "blade" end
```

Fold the balloon back and forth 3 times, ending with the remainder pointing
in the same direction as the handle. Twist all together in the center of
the bunched up part. Straighten the handle and blade in opposite
directions, and arrange the three fold-twists flat around them.

You could apple twist the "hilt", but I found the kid's rough play tends to
undo this, and they keep coming back to have it "fixed". After a while, I
just stopped doing it; no one seemed to notice.

* "Sabre" type:

(Developed by me, or at least independent of anyone else.)

Apple twist, followed by two 4" hand guards. Lock twist the end of the
second guard back to the apple twist. Make a 3" handle bubble, then push it
between the 4" bubbles, like a bird body. In this case, one of the elements
is shorter, so the other two arch outward. You can leave it at this, but
the "blade" tends to flop around, so I add a 1" ear twist and position it
on the opposite side of the blade from where the two hand guard bubbles
meet (twist "B" in diagram). Add a gentle curve to the blade and it's Aladdin's
scimitar.

{Using notation method #4 from the FAQ.}

```
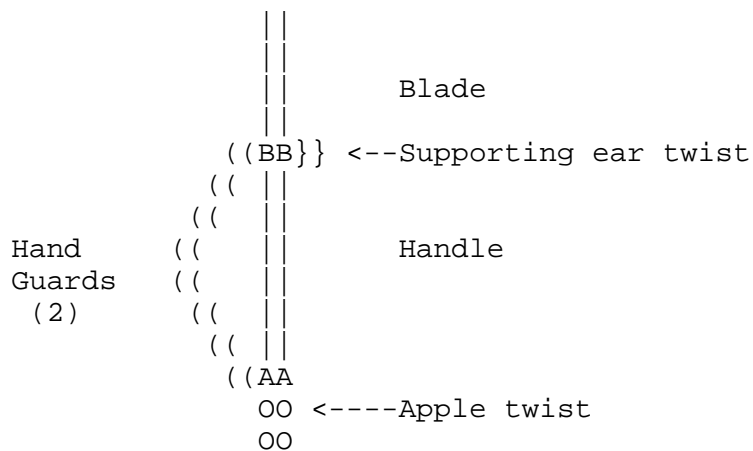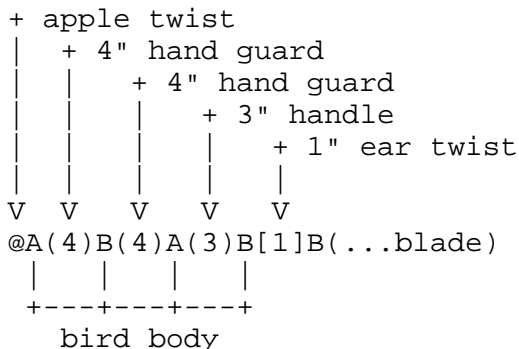+ apple twist
|   + 4" hand guard
|   |    + 4" hand guard
|   |    |    + 3" handle
|   |    |    |    + 1" ear twist
|   |    |    |    |
V   V   V   V    V
@A(4)B(4)A(3)B[1]B(...blade)
  |   |    |    |
  +---+---+---+
    bird body




                   ||
                   ||
                   ||          Blade
                   ||
                 ((BB}} <--Supporting ear twist
                ((  ||
               ((   ||
   Hand       ((    ||         Handle
   Guards     ((    ||
    (2)       ((    ||
               ((  ||
                ((AA
                   OO <----Apple twist
                   OO
```

```
From balloon-request@cvs.rochester.edu  Fri Mar  1 02:29:29 1996
        id AA27772; Fri, 1 Mar 96 02:25:44 EST
Date: Fri, 1 Mar 1996 02:25:30 -0500
From: PatNTheHat@aol.com
Message-Id: <960301022529_234942668@emout07.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: The best sword around
```

 Hey Guys-
Nope don't mind at all (Larry) to show you the cool sword I learned a while
back. Hope it doesn't offend any of you kinder and gentler twisters.
BTW, I do swords for kids at most events. Some kids will not have anything
else but their choice of a sword no matter how hard I try to suggest
otherwise. I often wait till the end of the party so everybody is not so
riled up.
It's like the three elephant-ear twist swords, but replace each ear with the
following three-bubble cluster. Start with about a three inch uninflated tip
on the balloon.
First twist the 4 inch handle, then the three clusters below, then arrange
the remainder on the top. The three clusters should form an awesome little
triangle when you're done.

```
 *
* *
          *
            *
          *
* *
   *
```

For those of you needing other monikers for your balloons, you can call it a
fencing baton!

One more unrelated question:
What do you party people do in case of rain/snow/weather problems? Do you
give rain checks if you've agreed to the party?

From balloon-request@cvs.rochester.edu Wed Aug 23 01:22:12 1995
          id AA19506; Wed, 23 Aug 95 01:15:33 EDT
Date: Tue, 22 Aug 1995 22:15:20 -0700
Message-Id: <199508230515.WAA05080@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: Taz and Marvin (fwd)

>On Thu, 17 Aug 1995, Lorna Paris (no I AM NOT DAN, I AM LORNA) wrote:
>
>> >[Ka-Snip!]
>> >> Yes!! Taz has been created. I have 2 versions...a quickie and a more
>> >> elaborate one that people go ape for.
>>
>> >> LORNA
>> >

OK!OK!OK! Here is my quickie TAZ. I've got to go to work in a couple of
hours, so I don't have time to post the elaborate (5-6 balloon one), but I
will do it within the next week...Promise!!!

****
Quickie TAZ
****
To get the full effect, you'll need to use your pen and know what Taz's face
looks like, you don't have to be a master with a pen, but just get the
general feel.

***before starting, make a mental note: Don't twist the bear ear sections
of both the pinch and pop series in half, until you have finished the sculpture.

Take a brown balloon. Inflate it so that there is about 7 inches of
uninflated balloon left.
Make a 1 1/2 inch bubble, a pinch and pop series***, another 1 1/2 inch
bubble and then locktwist what you have just made. At this point I usually
tie the knot around the lock twist, but its still just a matter of
preference. This will be his feet.
Make a 3 inch bubble, a bear ear, a 1 inch bubble, a bear ear and another 3
inch bubble. Lock twist this section. This will be his body.
Make a 2 inch bubble and then lock twist it to itself. This will be his
hiney (for lack of a better term).
squeeze the rest of the balloon and match it up with his body and twist it
off level with his head. Make a 1 1/2 inch twist and lock twist it, as well.
Push the 1 1/2 inch lock-twisted bubble through the top of the figure,
leaving the untwisted section trailing behind. The bubble you just pushed
through is his face. You'll notice that the remaining balloon protrudes from
between the back of the head and the bulge of his hunch-back.
If all has gone well, you should have just enough balloon to finish your
project.
Adjust the following measurements, as needed (depending how much space is left).
Wrap the remaining ballon arouns one of the ears, two times.

Make a 1 inch bubble, a pinch and pop series***, a 1 inch bubble. Wrap the
remaining balloon(there should only be uninflated balloon), around the other
ear a few times.
Now, finish the pinch and pop series (both of them), pop the bubbles in the
center, so that the arms and legs separate.
Place the arms just below the ears; make sure the ears are placed so that
they are sideways, NOT like teddybear ears.

Draw Taz's horns on the ears.

Draw his eyes on the bubble between the horns.
Draw his mouth on the face bubble than you pushed through the body.
...And voila!!!! you've just made my quickie TAZ.

Yes!!! YES!!!! I know, he's not as quick as some things, but, he's faster
than the other one I do!

Because of the pinch and pop series, I'm always afraid that he'll die
immediately, and since I don't want to make him over and over and I don't
want to have the sound of sad screaming children to fill my ears, I attach
one of his arms to an uninflated balloon (usually popped), and then attach
that to amostly inflated 260, lke a fishing pole. I then tell them that Taz
is the only character I make that deserves to be swinging from a vine.

TTFN
Lorna Paris
email: dcurtis@connectnet.com

From balloon-request@cvs.rochester.edu Tue Sep 5 20:10:24 1995
        id AA17296; Tue, 5 Sep 95 20:01:11 EDT
Date: Tue, 5 Sep 1995 17:01:01 -0700
Message-Id: <199509060001.RAA28758@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: Re: Taz

>Lorna,
>
>what ever happened to that 5-6 balloon Taz you were going to post? Also,
>you said you were going to send pictures to me. I never got them. Did
>you send them?
>
>No, I'm not trying to pester you into doing it. Just a small reminder in
>case you forgot.
>
>Larry
>

Sorry Larry, and Noel and Amy and anyone else out there that I've made to
wait for far too long! I've had a lot of jobs lately in addition to
starting my 15 units of university studies, Here's my DELUXE TAZ, for all
who have so eagerly awaited.
What's your address again Larry, and I'll send you pictures of the Taz and
the Marvin.

****
DELUXE TAZ
****

You'll need 260's:
3 brown
1 white
1 pink
1 red
(1 black is optional, but I prefer to recycle the end of brown (ii).

Blow up your balloons as follows:
(i)   brown, leaving 2-inches uninflated.
(ii) brown, leaving 6 1/2-inches uninflated.
(iii) brown, leaving 2 1/2-inches uninflated.
(iv) white, inflated about 8 inches.
(v)   pink, inflate leaving about 2-inches uninflated.
(vi) red, inflate about 15-inches (a little more if you like, up to about
24-inches, because it's nice to have a little extra to hold on to).
(vii) the optional black balloon...inflate about 3/4- 1-inch, at the end of
the balloon, or use the remainder of balloon #(iii).

Now that you've done your inflation, let's put it all together:

take (i) and twist a 12-inch bubble, then a 6-inch bubble; twist the 6-inch
bubble so that it forms a sort of elephant ear (TAZ's ear).

next, make a 4-inch bubble, and then another elephant ear.
squeeze the remaining balloon to distribute the air evenly, and then twist
about a 2-inch bubble at thre end of the balloon (TAZ's tail). Use the
knotted end of (i) to anchor the knot to the place where the stub meets what
is his body.
   You've just made his ears, body and tail.

Next, take (ii) and make three 1 1/2-inch bubbles.
Lock twist the second and third bubbles (this is his foot).
squeeze the balloon gently to distribute the air a little, and make a bubble
4- 5-inches long (his leg).

Anchor his leg to the twist, on balloon (i), just above the tail piece.
Make another leg and foot and then pop-off the unneeded portion of the
balloon and save it. Unless you REALLY want to use a black one.
take balloon (iii) and make another foot (this is his hand this time) and
push as much of the air as possible to the end of the balloon.
Make another foot at the other end, squeeze the balloon so that it evenly
distributed the air and twist the balloon in the middle.
I usually keep this under my arm.

Next, I take balloon (iv)and make two 2 1/2-inch bubbles. Pop-off what is
left, but give yourself a little leeway, after your new knot to anchor this
balloon (this will be his eyes).
Pick-up the TAZ body and ties each end of what's left of (iv) to each ear.
(one end per ear, please).

Take (iii) and push one of the arms through the space between the eyes and
his forehead (the piece between his ears) and put the two ends of (iii)
together and twist to anchor them to the eyes.
Both of the arms should end up on one side of the body, whichever side that
is...that is now the back of TAZ.

Take (v), and make two 7-inch bubbles. Twist them both into elephant ears.
Squeeze the remainder of (v) to redistribute the air and twist into a loop.
Tie the uninflated balloon to anchor it securely.
(knot it and tear it off if you like, but it should hide easily.)

Take (v) and secure it to the twist between the eyes, on the front of TAZ
(this is his mouth and upper lip; you know where whiskers would grow).

Take the remnant of (ii) and inflate it about 3/4 to 1-inch at the end of
the balloon (or use the optional, vii, black one), and tie a knot right next
to the bubble (if you use a black one, you'll have to break-off some of the
extra that's left-over). anchor this to between the eyes. It should be
above the jowls (that's the word!) but below the eyes , yet in the middle of
it al at the same time).

Next take (vi) and start pusking your finger in to as far as you possible
can. It's going to make asort of an elephant trunk, but the longer and
twistier, the better it will look. When you think that you've got enough
length, GENTLY remove your finger from the interior of the balloon BUT keep
ahold of the knot from the outside, with your free hand (this is the tongue).
IF your tongue is not completely inflated, then use your arm and body to
force air in to it, if you need to you can also, push a little of the end of
the tongue inside to help things inflate. Once you have gained all the
volume and length you can...
twist the tongue several times, keeping hold of the knot and then hold the
knot twist in your pinky, while you pop-off the rest of the balloon.
REMEMBER leave enough uninflated ballon to tie the-off the tongue right ON
the knot and to anchor the tongue to the body.

Try to get a good S-shape with the tongue, and then anchor it to the back of
TAZ, just under the arms. Position the tongue so that it snakes out of his
mouth and grabs his lower lip.

Bend his arms so that they curve around towards the front of his body.

Draw some wicked looking eyes.

AND VOILA!!!!! DELUXE TAZ!!!!

Any quetions???? Any comments???? If all is easy to understand, I'll send
you my Marvin toute suite.

OH yeah, if I start forgetting to send it, like I did with Taz this time,
just keep pestering me and I'll get on the ball. I'll try not to, but I get
ditzy a times (I was blonde, as a child, and the stigma still sticks).
Don't consider it molesting me, conside it a gentle nudge, because I promised.

--Lorna Paris (NOT Dan Curtis)
email: dcurtis@connectnet.com

```
From balloon-request@cvs.rochester.edu  Wed Nov 22 02:11:05 1995
        id AA25648; Wed, 22 Nov 95 02:09:41 EST
Date: Wed, 22 Nov 95 07:09 GMT
From: tonyrene@cix.compulink.co.uk (Tony Brooks)
Subject: Weaving
To: balloon@cvs.rochester.edu
Reply-To: tonyrene@cix.compulink.co.uk
Message-Id: <memo.619592@cix.compulink.co.uk>
```

Whilst Mike Decker was with me last night, I inquired about weaving, he
said "Go speak to Royal, he is the best."

So how about it, any tips on this interesting subject, is it similar to
the technique Mike uses to make his hot air balloon.

On another subject, I brought Marvin Hardys 321 book, cost 5.50ukp, there
are about 8 models in it, ranging from a boring rocket to a dragon fly
(looked nice), sorry to say, but this book didn't trigger the
imagination, it was more of a beginners book than an tomb for the working
modeller - just my thoughts.

Lorna, we downloaded your Taz instructions and pictures from the web.
How about instead of tying the balloon between the ears, for the eyes,
make two ear twists in the brown balloon between the ears, this can
anchor both the eyes and the arms. Where the mouth is made, do an ear
twist at each end, then it can be anchored to the body anywhere you want,
the arms can then be brought to the front using these ear twist also.

Mike tells us that he should be with American On Line shortly, so we will
see him in the Balloon List in the not too distant future.

Regards Rene the Magician

You will notice my fingers never leave my hands

```
From: lyndellt@juno.com
To: balloon-d@fooledya.com
Subject: Re: Pop Quiz
Date: Sun, 15 Jun 1997 23:19:21 EDT
```

If the balloon gets loose and flys around the room I call it my Tazmanian
Devel.

```
Lyndell L. Taylor
Fax 1-540-223-4227    email lyndellt@juno.com
Children's Pastor Bob White Church Of
God, Pulaski, Va. U.S.A.
```

```
From balloon-request@cvs.rochester.edu  Wed Oct  4 13:27:55 1995
        id AA21954; Wed, 4 Oct 95 13:17:15 EDT
From: clawton@TFS.COM (Chris Lawton)
Message-Id: <m0t0XRK-0009r0C@bpsrv>
Subject: Too Cute!
To: balloon@cvs.rochester.edu (balloon)
Date: Wed, 4 Oct 1995 10:17:06 -0700 (PDT)
Content-Transfer-Encoding: 7bit
Content-Length:        721
```

Hiya Gang!

Here's something thats just too cute: make a Teddy Bear out of two 350's
and have it holding a 6" Heart just like the one balloon 260 Teddy Bear.

Inflate each (same color) 350 leaving about a 3" uniflated tail.
I found that I could make the head, neck, and one arm out of one 350 (pop and
discard any remaining rubber from the first 350) and the other arm, body,
legs and tail out of the second 350. Add a 6" heart. A purple bear and a
pink heart look great!

Everybody who thought the reagular teddy bear was cute just died over this one!
Has anybody made any heart shapes out of 350's? A 350 teddy bear riding a 350
heart would be a big hit.

--

Have a Disney Day!! ()_()
Chris   (_)

```
From: a_guterman@msn.com
Date: Sat, 28 Jun 1997 22:06:47 -0400
To: balloon@fooledya.com
Subject: Bracelet
```

Well Justin this may help.

```
Balloon Boy's Teddy Bear Bracelet
---------------------------------
```

Make a simple teddy bear head only using 1 inch bubbles the twist 1 inch
for the neck.Now locktwist a 1 inch bubble a 1 inch pinch twist
bubble(twist this 1 inch pinch twist in half)and another 1 inch
bubble.Now mesure your spectator's wrist making sure it fits comfortably
and locktwist.Now you'll have to use your nogin!!! Depeding on how much
is left twist a bubble for the body 2 bubbles pinch twisted for the feet
and leave the rest for the tail.Arrange bear to suitable pose and enjoy

```
    _  _  _  _  _  _  _  _  _  _  _  _____  __  _  _  _
*(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_)(_____)(__)(_)(_)(_)-------
   |     \   \_/    \_/  /   \   \_/   /_____/      \_/\_/
   |       _____/        \ half/
   |            locktwist          \___/
   |                 ^
   |_____|
```

Regards,
Balloon Boy

```
From balloon-request@cvs.rochester.edu Thu Jun 29 02:31:56 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA17389
  (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Thu, 29 Jun 1995 02:31:56
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
        id AA19311; Thu, 29 Jun 95 02:31:48 EDT
Resent-Date: Thu, 29 Jun 95 07:31 BST-1
Old-Return-Path: <tonyrene@cix.compulink.co.uk>
Date: Thu, 29 Jun 95 07:31 BST-1
From: tonyrene@cix.compulink.co.uk (Tony Brooks)
Subject: Flower Pots
To: balloon@cvs.rochester.edu
Cc: tonyrene@cix.compulink.co.uk
Reply-To: tonyrene@cix.compulink.co.uk
Message-Id: <memo.262893@cix.compulink.co.uk>
Resent-Message-Id: <"eylkR.0.hj4.JZayl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/383
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Hi Chris

Have you tried Mike Deckers teddy bear wiat a vase of flowers ?

It uses approx 6x260 for the flowers (typical tulips), a 321 (bee body) for
the vase and a 260 for the teddy bear.

Once you have made the flowers, you need to inflate the 321 about 1/3, wrap
the knot around the base of the flowers and do an apple/tulip twist with the
321, use the nose part of the 321 to tie a knot to keep the 321 apple twist
in place and push everything inside the body of the 321. You should then be
left with a vase of flowers - but it won't stand up.

The teddy is a normal one, the arms go around the stems of the flowers, from
the arms come down with a body that just reaches the base of the vase and
make a loop that will go around the vase, ending in a stubby tail. This will
give the vase enough stability to stand up, and all the girls go mushy about
the cute little teddy.

TTFN from Rene the magician

Piff paff poof....

>>>MATRIX version 1.26a

```
From balloon-request@cvs.rochester.edu Sat Jul  1 14:04:14 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA20007
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Sat, 1 Jul 1995 14:04:14
-0400
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.2)
          id AA23259; Sat, 1 Jul 95 13:57:37 EDT
Resent-Date: Sat, 1 Jul 1995 10:57:29 -0700
Old-Return-Path: <clydep@primenet.com>
Date: Sat, 1 Jul 1995 10:57:29 -0700
Message-Id: <199507011757.KAA06644@mailhost.primenet.com>
X-Sender: clydep@mailhost.primenet.com
X-Mailer: Windows Eudora Version 1.4.4
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: balloon@cvs.rochester.edu
From: clydep@PrimeNet.Com (Clyde & Arlene Powers)
Subject: Bear
Resent-Message-Id: <"ffQiE3.0.Nh5.GoOzl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/390
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

One of the balloonologists here, Lindy, makes the bear with it's arms around
a honey pot. Same principal as the bee body flower pot, leave out the
flowers, and write "HONEY" on the bee body.
Arleenie

```
From: JozeeKC@aol.com
Date: Sun, 16 Jun 1996 06:43:21 -0400
To: balloon@fooledya.com
Subject: Texas Long Horn (Chicago Bulls?)
```

Here in Chicago you need to know how to make a Bulls hat or you are in
trouble (are the Bulls?)

I use a fully inflated 260 (red of course). This is going to be difficult to
explain but the way it looks you have a circle measured for the head, the
ends cross and are twisted in 2 places in front with 6" to 8" horns
(depending on the size of the head).

```
x                            x
   x                      x
     x              x
         xxxxx  ------- twist where the horns meet the circle
      x              x
    x                x
  x                    x
    x                x
      x            x
        x      x
```

Give the horns a little curve. If you wanted to make really long horns you
could use 2 - 260's. I think the key is twisting them in 2 places to give the
space between the horns.
If this doesn't make sense let me know.

Jozee the Clown (tired after 3 Saturday gigs)

```
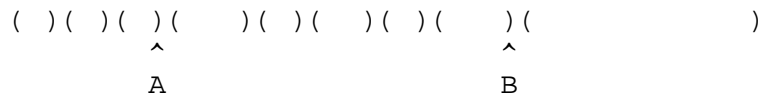From nobody@Kodak.COM Mon Jul 11 16:15:30 1994
Received: from kodak.com by mother.ent.rochester.edu with SMTP id AA20184
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Mon, 11 Jul 1994 16:15:30
-0400
Received: from park.rdcs.kodak.com by Kodak.COM (5.61+/2.1-Eastman Kodak)
         id AA21941; Mon, 11 Jul 94 16:15:27 -0400
Received: by RDCS.Kodak.COM (4.1/SMI-4.1-DNI)
         id AA15157; Mon, 11 Jul 94 16:09:04 EDT
Date: Mon, 11 Jul 94 16:09:04 EDT
From: James x70293/RDCS/6-69-KRL <batten@rdcs.kodak.com>
Reply-To: James x70293/RDCS/6-69-KRL <batten@rdcs.kodak.com>
Message-Id: <9407112009.AA15157@RDCS.Kodak.COM>
To: TGUMPEL@vms.huji.ac.il, balloon@ent.rochester.edu
Subject: Re: busking, summer tip, seals
```

Bummer, Larry and I worked together all weekend, yet I did not get his letter
about all of this.

   The tiger head I believe is a Dewey creation, but I could be wrong.

   Make three half inch bubbles, an inch bubble, a half inch, an inch, half
inch, and one last inch. (actual size is not to important, but this is a
good start. I often make the 'second' inch bubble slightly smaller than the
other two.

```
( )( )( )(    )( )(   )( )(     )(                 )
        ^                     ^
        A                     B
```

Twist at points A and B. Push the first of the three small bubbles through
the 'triangle' just formed, and wrap the nipple around the point where A&B
are twisted.

   There should now be two smaller bubbles at the top of the triangle, do an
ear twist on each of these. This will close down the size of the triangle.
As for the first three bubbles, the first should be on one side(this will
be the back of the head), the other two should be on the other side(these
are the upper and lower jaw of the tiger)

   You can go on from here to make a regular animal body (one in a sitting
position is best), OR, as Larry and I were doing, just wrap the rest of the
balloon around the head and twist off.

   Just about any animal head (and parts of bodies) can be turned into a
hat this way. If I had a child with a small head, and I had just done a
bears head, I would also do the two arms before turning it into a hat.

   This is a potential advantage to the pump Larry was using. It was MUCH
easier to make longer balloons with it than by mouth giving you more
leaway for making exotic hats.

cheers - jim

(hey Larry, where's MY copy of the balloon-a-gram?)

```
Date: Sun, 14 Jul 1996 23:23:31 -0400
From: "Garry G. Gardner" <104267.444@compuserve.com>
Subject: 4-balloon T*gger
To: Balloons <balloon@fooledya.com>
```

Troy Perry suggested that I post my instructions for T*gger to the
list, so here it is. If you want to see the drawings, you can
find them on my website at

  http://ourworld.compuserve.com/Garry_Gardner/balloon2.htm

T*gger needs three orange balloons and one white one (260's). Inflate
one orange and one white leaving 4 inches uninflated.
Begin with a soft 1.5" bubble in the orange balloon and ear twist
the nozzle to the base. This is his nose.
Twist a 2-inch bubble in the white balloon and lock it to the base
of the nose.
Make another 2-inch white and a *soft* 1 1/2-inch orange.
Twist the orange and 2 white bubbles to make his muzzle.
For the top of his head make a 2", 1.5", 3",1.5" and 2" in the
orange balloon. Lock the last 2" to the first one and ear twist
the 1 1/2" bubbles for ears.
For the eyes make two *very soft* 2" white bubbles above the muzzle
and lock the second one to the muzzle. Tuck the tops through the
opening at the front of the face.
Make a 1" white bubble to separate the jaw from the muzzle.
Next, a 1.5" bubble ear twisted, followed by a 6" wrapped around
it for the jaw. The head is now complete.
You should have about 20" left on each balloon. Make a 1.5" orange
bubble followed by an ear twist. Make a 1" white bubble followed by
another twist half way to the end.
Hold the white and orange ballons parrallel and twist them together
where the 2 long white bubbles meet. Lock the long white
bubbles together to make his tummy. The orange balloon is now his
backbone and one leg. Fully inflate an orange 260 and then
let it deflate to soften the rubber. Wind the deflated balloon around
your finger and re-inflate it, making a spiral shape.
This makes a springy tail and the other leg. Inflate the last
orange 260 and let out a little air to soften it. Find the exact
middle, make a twist, and attach to the hips. Bring up both ends to
fill out the body and twist together just below the neck between the
tummy and the backbone.
The rest of the balloons become the arms. Add eyes and whiskers
with a permanent marker.

That's my original T*gger. I'd like to add hand and foot details and
maybe modify the neck but haven't taken the time yet to work it out.

Professor Wonder

```
Date: Tue, 16 Jul 1996 13:35:54 -0400
From: Garry Gardner <104267.444@CompuServe.COM>
Subject: T*gger addendum
To: Balloons <balloon@www.fooledya.com>
```

Maj. John B. asked about inflating the first two balloons. The
instructions should specify leaving a 4" tail in BOTH balloons.

Troy adds that a second pinch twist in the neck brings the head
forward more.

Professor Wonder

```
From balloon-request@cvs.rochester.edu  Tue Feb 27 02:59:42 1996
        id AA05138; Tue, 27 Feb 96 02:55:50 EST
Message-Id: <9602270802.AA7920@msi-gateway1.metropolis.com>
To: balloon <balloon@cvs.rochester.edu>
From: Dennis Dawson/MSI
   <Dennis_Dawson@msi-gateway1.metropolis.com>
Date: 26 Feb 96 23:54:16 EDT
Subject: My one-balloon toucan
```

I swear, I haven't been holding out on you guys. I just kinda figured that
this sculpture was no great shakes. But the gang at the dinner really liked
this last week, so here is:

(If you have Netscape 2.1+, run, do not walk, to my website for a real demo:

http://www.metropolis.com/~dawson/index.html

about mid-way down you'll find the link to the toucan demo)

For the textuals out there, here ya go.

```
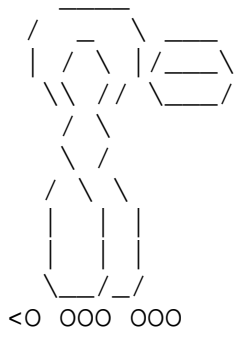***********************************************************
********* Cap'n Denny's One-balloon Toucan **************
***********************************************************
```

Here's a very gross ASCII approximation. Don't let my half-ascii drawing scare
you away - I like this critter.

```
         ____
       /  _  \ ___
      | / \ |/___\
       \\ // \___/
        / \
         \ /
        / \ \
        | | |
        | | |
        \__/_/
     <O OOO OOO


                \crown/   \ birdbody/
>(4)(4)(1.5)(1.5)( 5 )(1.5)(3)(3)(3)(.5)(.5)(.5)(.5)(.5)(.5)(.5)===
 \beak/\ eyes  /    \neck/        \  foot  /\  foot  /\tail/
```

1.   Inflate a 260, leaving 6" of tail.
2.   (Beak) Make two 4" bubbles. Lock-
         twist the nozzle at the base of the
         second bubble.
3.   (Eyes) Lock-twist two 1-1/2" bubbles.
4.   (Crown) Make a 5" bubble. Loop it
         over the eyes (one eye on either
         side of the crown). Lock-twist it
         under the eyes.
5.   (Neck) Make a 1-1/2" bubble for the
         neck.
6.   (Body) Make three 3" bubbles. Lock
         twist the wings and roll the body
         through to make a standard "bird
         body."
7.   (Foot) Make three 1/2" bubbles. Lock

```
        twist the first and third to make
        toes. Repeat for the second foot.
8.  (Tail) Whatever's left is the tail.
        (Usually it's just a 1/2" bubble).
```

Let me know if this isn't clear (really, go to my website, it'll make it clear
as pea soup).

--> Cap'n Denny (the entirely too late Red Flash) <--

```
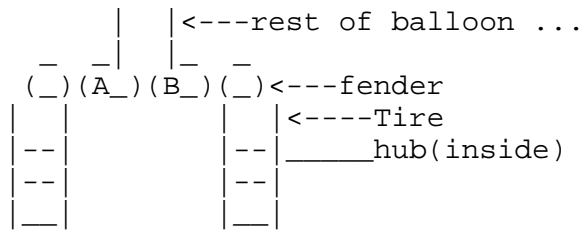Date: Thu, 8 Aug 1996 10:59:44 -0400
From: Garry Gardner <104267.444@CompuServe.COM>
Subject: Tractorville USA
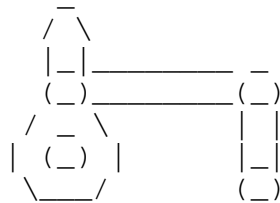To: Balloons <balloon@www.fooledya.com>
```

Phil wrote "I'm in tractorville USA where John Deere is a way of life
(anyone make a tractor?)

I was doing a charity gig near Waterloo, Iowa (John Deere's home town)
last year and WONDERer about a tractor. Here's what I came up with:

Inflate a green (NOT RED! NOT IN WATERLOO!) 260 about half way. Make
a 1" pinch (ear) twist followed by a loop big enough to wrap around
it. This is the first hub and tire. Then 1" pinch twist for a small
fender. Next a 1", a soft 3/4" and build another tire(1" pinch
wrapped in a loop, 1" pinch on top for a fender). Now another soft
3/4" locked to the previous 3/4" to get you in the middle between the
tires. Here's an end view so far. (A_) is a 1" bubble, (B_) is two
soft 3/4" bubbles locked together.

```
         |   |<---rest of balloon ...
    _  _|   |_  _
   (_)(A_)(B_)(_)<---fender
   |   |         |   |<----Tire
   |--|         |--|_____hub(inside)
   |--|         |--|
   |__|         |__|
```

Now make a 2-3" loop twist for a seat back, 4-5" tractor body, 1"
pinch for a headlight, 2" for front of tractor with a 1" pinch on
the end for a front tire.

```
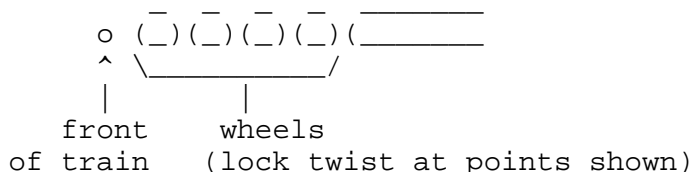     _
    / \
    |_|_____ _
    (_)_____(_)
   / _ \        | |
  | (_) |       |_|
   \___/        (_)
```

Not a great tractor, but you can tell what it is. Maybe someone can
improve on it.

```
Professor Wonder
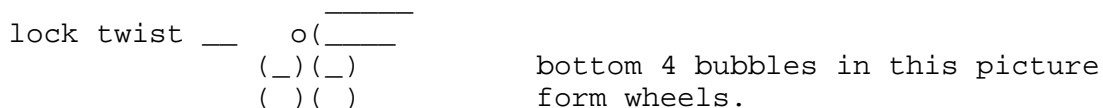http://ourworld.compuserve.com/homepages/Garry_Gardner
```

```
From lm03_cif@uhura.cc.rochester.edu Sun May 17 14:23:25 1992
Received: from gawain.cif.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA04504;
Sun, 17 May 92 14:23:21 EDT
Received: from uhura.cc.rochester.edu by gawain.cif.rochester.edu (4.1/1.15) id AA14760;
Sun, 17 May 92 14:23:02 EDT
Received: from troi.cc.rochester.edu by uhura.cc.rochester.edu (4.1/1.16) id AA04501;
Sun, 17 May 92 14:23:15 EDT
Message-Id: <9205171823.AA04501@uhura.cc.rochester.edu>
From: lm03_cif@uhura.cc.rochester.edu (Larry Moss)
Date: Sun, 17 May 1992 14:23:16 -0400
X-Mailer: Mail User's Shell (7.2.3 5/22/91)
To: balloon@gawain.cif.rochester.edu
Subject: choo choo train
Status: OR


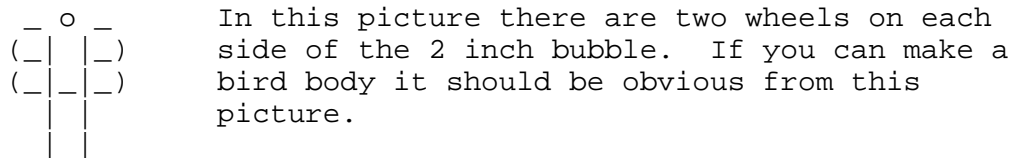Inflate a balloon with a long tail (6 or 7 inches).

Make a .5" bubble, then 4 1" bubbles.  The 1" bubbles are wheels.  The
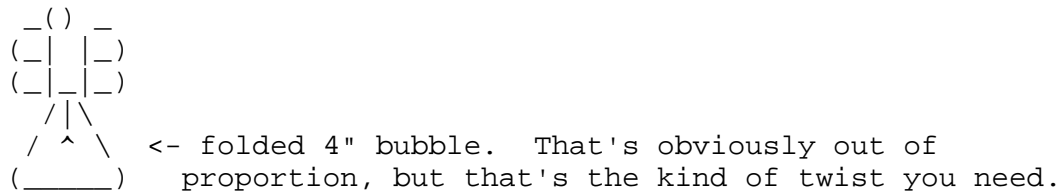first and last twists you made should be lock twisted together.

            _ _ _ _ _____
       o (_)(_)(_)(_)(_____
       ^ _____/
         |        |
      front    wheels
   of train   (lock twist at points shown)

After the lock twist there should be a loop made up of 4 bubbles.
                   _____
      lock twist __   o(____
                   (_)(_)            bottom 4 bubbles in this picture
                   (_)(_)            form wheels.

Now make a 2" bubble and roll it through the wheels.  This is the same as
making a bird body.

           _ o _       In this picture there are two wheels on each
          (_|  |_)      side of the 2 inch bubble.  If you can make a
          (_|_|_)      bird body it should be obvious from this
            | |         picture.
            | |

Now make a 4" bubble, fold it over and lock twist the ends of it together.

           _() _
          (_|  |_)
          (_|_|_)
           /|\
          / ^ \   <- folded 4" bubble.  That's obviously out of
         (_____)    proportion, but that's the kind of twist you need.


from side:
            /\
         ,--| |_____
        o(_)(_)(_____)=====


Twist a .5" bubble.  That will just be a connection between the cars.
Make 4 more wheel bubbles and connect them.  Do another bird body twist.
That should form the second car.
```

```
          /\
      ,--| |  ,--_   _____
    o(_)(_)()(_)(_)(_____)===
```

There should be enough balloon left to make a third car.

```
          /\
      ,--| |  ,--_     ,--
    o(_)(_)o(_)(_)o(_)(_)o
```

I draw on it to make it complete. I put a rim around each wheel and
several spokes. I also put a window on the first car (on the vertical
bubble).

From: "Perry, Troy" <taperry@uswnvg.com>
To: "'Balloon Twisters List'" <balloon@fooledya.com>
Subject: instructions: big tree
Date: Fri, 18 Oct 1996 08:46:53 -0700

Here's something I've been meaning to post for quite a while. I saw a
twister doing this in the park, and I haven't seen it in any of my
books, so I hope it's all right to share it. It's a big, quick palm
tree. Great for all sorts of animals to climb. I use a monkey mostly,
but I call it a eucalyptus and use a koala sometimes.

Needed
2 green 260s
1 gray, yellow (or your favorite other color) 260

Fully inflate all three balloons and give them a little burp.
Tie the ends of the green balloons together. Hold the two green loops
with the knots in one hand. Find the opposite side of the loops with the
other hand. Twist together. Now, you have four large equal-sized loops.

In one of the loops, find the point about 1/3 of the way from the end.
Pinch slightly here and make the loop into two bubbles by rolling the
short section. The loop should now look like a cartoon palm leaf. Short
straight section on the bottom. Long curved section on the top. Repeat
for the other three loops.

Arrange the loops so all the straight, short sections are on the bottom.
Twist a 1 1/2 inch loop in one end of the remaining balloon (gray). Lock
these together to finish the tree.

This is a great 'color and motion in the air' item. You can also make it
into a hat very easily.

Troy

```
From balloon-request@cvs.rochester.edu  Mon Oct  9 23:59:34 1995
        id AA26048; Mon, 9 Oct 95 23:53:58 EDT
Date: Mon, 9 Oct 1995 23:53:51 -0400
From: AVBalloons@aol.com
Message-Id: <951009235345_120149540@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Turky Trot?
```

Ideas for your turkey trot:

I don't have any ideas for a small scuplture, but if you are looking for a
large sculpture, you can make the body out of round balloons, and the tail
and head out of 260's. For the body, make a small garland of 11" balloons
sized to 5" for the first cluster, 7" for the second, 9" for the third, 11"
for the 4th, and then back down 9", 7", and 5". This should make a fairly
oblong body - you can play with the sizes to get the proportion you want.
Then, make the tail with 260's or 350's - just big loops fanned out like a
peacock tail. The neck can be a 260 , then use red 260's to make the waddle
and comb.

If you want to make a really time consuming turkey, you can weave a round
body out of brown 260's and do the same as above for the tail.

Hope this helps..

Adrienne

```
From balloon-request@cvs.rochester.edu  Tue Nov  7 16:13:36 1995
        id AA14023; Tue, 7 Nov 95 15:56:11 EST
Date: Tue, 7 Nov 1995 15:55:56 -0500
From: BHarry@aol.com
Message-Id: <951107155555_15491519@mail04.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Pogo and Turkey
```

Howdy

Great day! A couple of clowns saw an anti-drug magic (and balloon) show I
did at a school last week, they lent me a video, I returned it today, we got
to talking and it turns out she has a Pogo for sale (she now uses an air tank
due to arthritis etc.) So I am now the proud owner of a Pogo. They made a
nice modification. He bought an old projector screen from a second hand
store for a few bucks took off the base (collapable tripod) and attached it
to the Pogo. Its light weight, sturdy and you don't have a separate piece to
carry around because it stays attached to the pole. Of course this is the
only Pogo I've ever seen in action so can't say how it compares with the
standard base but it looks great (the color even matches the blue of the
nozzle end) kinda like a rocket ship standing there. As my seven year old
says: Way Cool

Dunky Dory also taught me a one balloon turkey:

inflate a 260 leaving about 5 inches on the end. Make an 8 inch elephant ear
(ie twist it back on itself to make a loop) this is the tail, make a set of
poodle legs, drumsticks in this case (two inch, one inch, one inch two inch
and lock twist at the base of the tail) make a smallish bird body (three
three inch bubbles) the neck and head are proportioned based on the amount
of uninlated balloon you have left which, like the swan, will be the beak.
Four inch neck, one inch bear ear and you should have a one inch head and
beak left   Its an average turkey but with a few other colors on the tail
would be a pretty nice peacock

Dr Bruce

```
From balloon-request@cvs.rochester.edu  Sat Nov  4 13:00:39 1995
         id AA11853; Sat, 4 Nov 95 12:53:06 EST
Date: Sat, 04 Nov 1995 11:53:05 -0600 (CST)
From: Robert Hayden <hayden@math.ukans.edu>
Subject: Turkey help
To: balloon@cvs.rochester.edu
Message-Id: <Pine.SUN.3.91.951104110735.3705A-100000@titania>
Content-Transfer-Encoding: 7BIT
```

Hello to everyone,

A friend ask me the other day if I had any information on how to make
a turkey. I looked around and could find nothing, so I improvised.
This is the first time I have tried to write instructions so bare
with me. Your comments and suggestions on how to make this better
are encouraged. If this has already been done, then please take
my apologies for I did not mean to copy anything. What follows is
just some ideas that I had (a rare occurence).

This takes five balloons (3 orange, 1 red, 1 black).
Inflate the three orange balloons leaving about an 1-2 inches uninflated.
These will be the body and the tail feathers.

```
      _____
   --(_____)<
   --(_____)<
   --(_____)<
                            |
                            |_ twist here slightly off center.
```

Now create the turkey's body as you would make the octopuss' ''head''.
The body should be about 6-8 inches. You should now have six ''legs''
which will now form the tail feathers. Three of these will be long
(uninflated end) and three will be short (nipple end). Take each of
the long ''legs'' and make a single loop tying the uninflated end to
the butt of the turkey (sorry, did not know what else to call it). You
should now have three separate loops which can be arranged into a fan.
The three shorter ''legs'' are left alone and arranged behind the
tail feathers you just created. Now here is where I feel this figure
needs some more experienced ideas. I created a soft, 4-5 inch bubble
from the red balloon for the head. Curve this so that it forms (in
a single bubble) a neck and a head. Tie the ballon at both ends and
remove excess. Now attach the nipple end to the front of the body where
the three orange balloons were first twisted together. Arrange such that
the neck points upward and stays. I did this by wedging it between two
of the balloons that form part of the body. This should look like a
really bad head/neck. I tried to think of a way to incorporate the
part of red balloon that was ultimately thrown away to form that ugly
piece of skin male turkeys have on their beaks, but to no avail. The
black balloon can now be used to form the legs. This too has its
problems. Inflate leaving around 6 inches. This does not matter because
you will be detaching whatever is left over.

```
        >(1)(.5)(1)(.5ear)( 3 )( 3 )(1)(.5)(1)(.5ear)-------
          |_____|         |       |_____|       |
              |              |           |            |_ tie and detach
        twist together       |      twist together
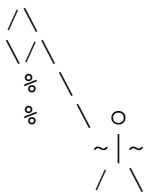                             |_ connect here to the body
```

The 1,.5,1 balloons will form the toes of the turkey while the .5 ear
twist will keep them pointing perpendicular to the legs. You connect the
legs to one of the balloons which form the body of the turkey.
Hopefully one of the balloons (of the body) will hang lower than the

others giving you a good place to connect the legs. Now that's it.
This should produce a turkey with a strange head, cartoon like legs,
and a really cool body/feathers. If any of the above does not make
sense, I will be happy to answer any questions. Once again, if this has
already been done by someone else, then I did not mean to step on anyones
toes. This was just something that I thought up.

I did think of a one balloon turkey but have not tried to make it yet.
Essentially you have three bear ear twist to form the tail, a bird body
to form the body, and some sort of a neck.

A variation (which would take a lot of balloons) would be to make a
peacock with multicolor (bright) balloons.

Thank you for allowing me to post. I would appreciate any other turkeys,
corn stalks, pilgrams, or other fall items that you might have. I am
just a recreational twister (i.e. no money involved) so this is just a
cheap hobby.


```
 /\
 \/\                           Robert Hayden
  % \                     hayden@math.ukans.edu
  %  \ o           http://www.math.ukans.edu/~hayden
     ~|~
     / \
```

From balloon-request@cvs.rochester.edu Sun Apr 14 11:31:26 1996
        id AA01191; Sun, 14 Apr 96 11:26:52 EDT
Date: 14 Apr 96 11:20:38 EDT
From: "Marvin L. Hardy" <73532.2312@CompuServe.COM>
To: "INTERNET:balloon@cvs.rochester.edu" <balloon@cvs.rochester.edu>
Subject: Re: STRANGE REQUEST
Message-Id: <960414152037_73532.2312_EHT54-1@CompuServe.COM>

Instructions with photos can be found at page 111 of the Balloon Magic Hardback
book distributed by Qualatex. narrative instructions follow:

TURKEY:

1. Inflate the balloon leaving a 6 inch uninflated end and tie a knot. Hold
the inflated balloon in your left hand with the uninflated end pointing right.
Form a 1 inch bubble followed by a 2 inch loop. Lock twist the two ends of the
loop together.

2. Tuck the 1 inch bubble inside of the 2 inch loop to complete the tail.

3. Form a 1 inch bubble. Pinch twist this 1 inch bubble and position the pinch
twist at the base of the tail to hold the tail upright.

4. Form two 3 inch bubbles. Lock twist the two 3 inch bubbles together at the
base.

5. Form a 1 1/2 inch bubble followed by a 1 inch bubble, three 1/2 inch
bubbles, and a 1 inch bubble. Lock twist the two 1 inch bubbles together at the
base to form the legs.

6. Form a 1 1/2 inch bubble. Wedge the twist at the end of this 1 1/2-inch
bubble between the ends of the two 3 inch bubbles formed in step four to
complete the body.

7. Pinch twist the first and third 1/2 inch bubbles of the leg assembly,
twisting each of them several times. Pop the second 1/2-inch bubble to separate
the legs.

8. Fold the uninflated tip of the balloon down alongside the neck. Squeeze the
neck with both hands until air is forced into the uninflated tip to form the
head and beak and complete the figure.

Hope that helps

Marvin

```
From balloon-request@cvs.rochester.edu  Wed Sep 20 16:40:51 1995
         id AA07826; Wed, 20 Sep 95 16:30:56 EDT
Date: Wed, 20 Sep 1995 13:30:40 -0700
Message-Id: <199509202030.NAA00825@connectnet1.connectnet.com>
To: balloon@cvs.rochester.edu
From: dcurtis@connectnet.com (Dan Curtis)
Subject: turtle
```

Linda,
I do a very simple turtle;

```
**************************
  A VERY SIMPLE TURTLE
**************************
```

1 260 (green, optional)

just inflat it about half way. make a 1 1-2-inch bubble and then tie the
knot to the twist. (the head)
Follow it with 4 1-inch bubbles then lock-twist them to where the knot was
anchored. (the feet)
Make two bubbles that are about the same length as the foot base of the
turtle. then lock-twist them. (Part of the shell)
Make another bubble that is about 1 1/2 to twice as long as the section you
just did, and pop-offthe remainder of the balloon, leaving enough room to
tie a knot and anchor the rest down. (the top of the shell)
anchor the free and of the top of the shell to the free end of the other
part of the shell. then anchr both pieces to the foot base.
draw on some tired eyes and a bored almost unhappy mouth and you've got a
turtle. I like to attach an uninflated balloon so that the turtle becomes a
turtle bracelet.

---Lorna

>Who was it who said they did the cutest little turtle? I can't find one in my
>books and my pathetic attempt looks more like an AIDS virus molecule.
>
>Captain Denny, I whooped, hollered, raised my fist up, and yelled yes! while
>reading your last posting. (I hope that last statement didn't reveal _too_
>much of my personality...) :)
>
>-da
>linda@psych.purdue.edu
>
>
>

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            |                 \
            j                  Y


              ->Homer<-
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```
From balloon-request@cvs.rochester.edu   Sun Sep 17 20:25:57 1995
          id AA09031; Sun, 17 Sep 95 20:19:59 EDT
Date: Sun, 17 Sep 1995 20:19:53 -0400
From: NOSTALGIA1@aol.com
Message-Id: <950917201947_21929610@mail02.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: MAKING TWEETY
```

In a message dated 95-09-17 20:04:51 EDT, you write:

>the Tweety that I do without drawing it out....
>
>TWEETY
>
>1. Inflate a yellow 260 3/4 of the way.
>2. Twist a 1 inch bubble for the top of the head.
>3. Make 3 - 4" bubbles and twist them together like a bird body.
>4. Twist 2- 2 inch curves to make the cheeks.
>5. Twist a 1 inch bubble for the neck.
>6. Twist the rest of the balloon like a bird body with a 1 inch tail left
>over.
>
>Blow up a second yellow balloon about 6 inches long. Tie the tail end and
rip
>off the remainder of the balloon. (Keep the balloon soft)
>7. Make ear twists on both ends of the balloon. This will be Tweety's legs.
>8. Fold the balloon in half and twist the center.
>9. Wrap the legs around the tail.
>
>Blow up a Black balloon all the way and tie the tail to the knot end.
>Twist the balloon in the center as well as 4 inches on both sides of the
>center twist. This makes the swing.
>
>Attach tweety's tail around the center twist of the swing.
>
>Draw in Tweety's eyes, beak, and claws.
>
>Everyone always recognizes my Tweety.
>
>I hope this makes sense.
>
>Questions? Comments? Write to me!
>
>Bruce Kalver
>NOSTALGIA1@aol.com
>
>
>
>

```
From: DawnsMagic@aol.com
Date: Fri, 20 Sep 1996 07:26:03 -0400
To: balloon@fooledya.com
Subject: Unicorn balloon
```

Hi again,

Thanks to everyone who has sent me Mickey Mouse instructions. They are very
much appreciated. I have already tried quite a few of the Mickey's sent. I
love 'em!!
As promised I would like to share my 1-1/2 balloon Unicorn.

I slightly modified the basic horse: apple twist the nose (no other twist
for the nose and mouth is nescessary here). Continue with the basic shape of
horse. (for the ear bubbles, ear twist them) Now, inflate another balloon,
contrasting colour would be best, and tie off. From the nozzle, sqeeze the
air down about 2", twist and make a 1" bubble. Let the twist near the nozzle
go. (this is the horn) Lock twist the bubble around one of the ears and
bring the bubble (horn) to the front, place between the two ears. Now make a
series of 1/2" bubbles, about 4-6 depending on length of neck. Lock twist
this row between the neck and legs. Now repeat 2 more times, the second
locking action should be around the other ear from the horn. The last row, I
add one last bubble and bring the bubble around to the front (you should now
have a collar around the Unicorn). Twist the remaining balloon once around
the neck to lock the collar in place. Cut off the remainder of the
uninflated balloon.

I'm sorry that I cannot provide some kind of drawing, if you are having any
kind of problems with the instructions, please email me. I'll try to help
anyway I can.

Thanks so much,
Dawn

Remember, everytime a balloon pops, an angel gets its wings!!

```
From: clawton@TFS.COM (Chris Lawton)
Subject: Recent stuff...
To: balloon@fooledya.com (balloon)
Date: Tue, 30 Jul 1996 21:53:17 -0700 (PDT)
```

Hiya Gang!

Boy! Some people aren't having a "Disney Day" are they? :)
Remember: "Think Mickey!" :)

But here's something balloon related. I modified the unicorn
in _balloon magic_:

Use two balloons instead of one. Inflate one balloon leaving
4 inches uniflated at *EACH* end. Starting from the nipple end,
make a .5 inch bubble wich leaves a long uniflated part. This will be
the horn. Make a small ear twist and then pinch twist that. These
are the lips. Position the horn on top of the lips. Make a nose,
some ears, six bubles for the mane and a neck as you would for a horse.
Discard the rest of the balloon.

With the second, make whatever style legs you wish. Sperate legs with
pinch -n- pop series went over big for me.
Join the two balloons where the neck and front legs meet.

I found that this unicorn was much more "instantly recognized" than
the one in the book.

Comments?

--

Have a Disney Day!!
Chris

```
(_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)
 ( OO)     ( OO)     ( OO)     ( OO)     (OO )     (OO )     (OO )     (OO )
    o         o         o         o       o         o         o         o
```

```
From: clawton@TFS.COM (Chris Lawton)
Subject: Re: Recent Stuff
To: 104267.444@compuserve.com (Garry Gardner)
Date: Wed, 31 Jul 1996 09:28:14 -0700 (PDT)
```

Hi!

>
> Thanks for your initial comment, Chris. I was beginning to think
> I'd need to wear hip boots to visit my favorite web site.
>
> On the unicorn - does the horn come out by the lips, or did I
> miss something? I remember a unicorn in one of Dewey's books
> with the horn on the forehead.

Yeah, the horn comes out by the lips. I thought about this when I was
experimenting but after I showed it to some people and nobody said
anything well "no big deal" I thought to myself.

> Also, instead of pinch-popping the front legs, how about using what's
> left of the neck for one side - one less place to cause a leak.

I had a hard time having enough left of the neck!

>
> BTW Chris - if you look at your sign-off line like a stereogram, you
> almost have a 3-D Mickey in the middle!

Ohhh but I can never get those darn "magic eye" things to work! I've
never seen the picture! :(

--

Have a Disney Day!!
Chris

```
(_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)   (_) (_)
 ( OO)     ( OO)     ( OO)     ( OO)     (OO )     (OO )     (OO )     (OO )
    o         o         o         o       o         o         o         o
```

From balloon-request@cvs.rochester.edu Sat Feb 10 22:26:21 1996
        id AA22703; Sat, 10 Feb 96 22:22:49 EST
Date: Sat, 10 Feb 1996 22:22:42 -0500
From: TOMATO1111@aol.com
Message-Id: <960210222241_141060551@emout06.mail.aol.com>
To: balloon@cvs.rochester.edu
Subject: Re: Valentine's stuff

Hi friends:]

Seems I am windy tonight! - don't think anyone has mentioned this lately but
my favorite valentine besides my big baskets is to make a four heart balloon
flower. Blow up 2 - 5" heart and tie them together at the nipple. Blow up
two more and tie them - then interlock all four hearts. Blow up a green 260
and make an apple twist. Wrap the apple twist round the knots of the hearts
and then go back about 3 inches on the 260 and make an ear twist. Go down 2
inches more and make the sword twist (for the leaves of the flower) and you
have a cute "valentine" flower. I include two of these in my 10 balloon
basket.

Another cutie is to blow up a 260 about 4 or 5 inches. tie it off leaving a
little extra room and the end of the blown up part. Then make a four petal
flower. Take the extra unblown up part of the balloon and wrap the end of it
in the pedals - thus making a little braclet. Blow up a 5 inch heart and tie
it off and wrap it into the middle of the pedals - a heart balloon braclet.
 Very Very popular this time of year!

Have fun!

Tomato in Indy

P. S. I am now 90 percent sure I am going to Laughlin. Only have to see if
my frequent flyer miles can be used. If they can - I will be going for sure.
 Would love to meet with the group.

Carol

```
From balloon-request@cvs.rochester.edu  Fri Feb  9 12:47:50 1996
          id AA03070; Fri, 9 Feb 96 12:42:13 EST
Message-Id: <199602091738.JAA08213@gemini>
Date: Fri, 09 Feb 1996 09:51:06 -0800
To: BHarry@aol.com
From: danlorna@adnc.com (Dan Curtis or Lorna Paris)
Subject: Valentine's stuff
Cc: balloon@cvs.rochester.edu
```

>BTW I couldn't stand it any longer, I was going through balloon withdrawal so
>I'm back on the list doing the digest version. MUCH easier to deal with.

Glad to have you back, Doc. I had a feeling that you wouldn't be able to
deal without the lst for lobg. We all need the "list fix" on a daily basis,
kinda like that nasty addiction to breathing that we all picked up
somewhere. I've posted my response to everyone, because I'm sure they'd all
like to see it too.

>Any great ideas for a valantine table centerpiece?

For Valentine's Day I usually do a variety of things:

If I do centerpiece, I use one Geo blossom, and then make a four or five
small flowers for it... like Larry's Marigold, and a few of the little ones
from marvin's Balloon Magic Book. After I tie their stems together at the
bottom (one big knot) I just feed it through the hole in the geo and it
stays. It's a LOT easier than using a round balloon. If you wnated to add
a heart to it.....now this is just an idea, I JUST thought of but NEVER
tried: maybe inflate a 130 almost all the way and then twist it and tie the
knot end about four or five inches from the other end; make a knot with the
loop; add 2 or 3 ear twists to stabilize the heart and then feed the stem
through the center of the geo with the other flowers.
That's the enterpeice I do, because not many people want one, for a
restaurant. Although I've been knows to wrap a spiral around a ketchup
bottle to stabilize any items I want to attach to it.

I also give out long-stem red roses, by themselves, or with a spiral stem so
it wraps around one half of a 260 heart.

Put a 260-heart on the end or a fully inflated 260 feeler (with a little
curve). Or do it with two felers.

Put a 260 heart on the front of a helmet, and then a 6" heart balloon on the
very top so you can see it through the other when you look head on. Or just
attach any little animal...i.e. a teddy bear, a lion, cat, dog etc.

How about this? A helmet hat, with Simba and Nala holding paws. You just
make them up part was, and attach their front paws together brfore
lockin-twisting ther front legs. Finish each animal, then roll the small
bubble from the front of the helmet through the rear lega of(say) Simba ans
the bubble from the back through the rear legs of (say) Nala. It kinda looks
like they're lumping up across your head to hold paws.

Then of course, there's always the good old. Make two attaching hats, and
then drop a spiral with a 260 heart dangling between the two heads.

Oh I'm sure I forgot something, but this shouldd be enough to give everyone
a few ideas.

>I just got my first bag of geos, darn fun the energizer bunny is great, but
>these babies are a bit expensive.

Tell me about it, but Doc, you may not use them EVERY time you do balloons,
but you'll be addicted by the end of your first bag. Good to have you back
again.

Lorna

```
Date: Mon, 23 Sep 1996 23:33:20
From: AAlbers@gnn.com (Arla  Albers)
To: S5000223@NICKEL.LAURENTIAN.CA, balloon@fooledya.com
Subject: Re: directions for Whale


>Date:  Mon, 23 Sep 1996 20:21:14 -0500 (EST)
>From:  S5000223@NICKEL.LAURENTIAN.CA
>To:    balloon@fooledya.com
>Subject:       directions for Whale

At the last clown convention I attended, the guy who won second
place made a cool fish that I'm sure could pose for a neat whale.
He used a large heart balloon, blew it up, single twisted one bump
on the heart (at the top), then twisted that bubble in half.  Do
the same to the other bump of the heart.  These "double bubbles"
become the eyes and the lips of the whale.  Really cool looking.

Arla
```

```
From: "Bruce Chamberlain" <BruceCh@burgoyne.com>
To: "Balloon List" <Balloon@fooledya.com>
Subject: Heart Fish
Date: Wed, 25 Sep 1996 03:49:23 -0600
```

This fish from a heart is cute. One suggestion, if you twist off a bubble
at the nozzle end then tie the knot into the twist (bear earish) it gives
it a better looking tail (IMHO)

Dr Bruce

I got a complaint from Jim earlier for not letting everyone know about
the information I got from the NABA. I've been away for a couple of
weeks and didn't have a chance. I was really disappointed. It's
basically an organization aimed at people with balloon businesses, not
really individual performers. In fact, individuals can't join. The
organization that runs it (can't remmember the name offhand) publishes a
number of books and magazines dealing with balloons. From what I read
though, a lot of it has to do with round balloons, fancy centerpieces for
catered affairs, arches, etc. Very little had to do with balloon
sculpting.

Now back to something I mentioned a while ago. Here's a short
explanation of my favorite balloon routine. I don't know where the basic
idea came from (Mitch, do you remember?), but I've been using it for a
few years. A lot more can be said about it than what I wrote, but this
is a start. I also believe it can be built up some more. In the past I
always used it as a minor (5 minutes) part of a show. It has grown a
great deal, but I never used every part of it together during one show.
It's only recently that I've decided to move more towards balloons and
away from magic and I do plan on trying it at the next party I do.

        A parent needs to get involved for this. Most are more than
willing. In addition to the usual 260's of the trade you'll need one
very large balloon that's such a big target it can't be missed. An
ordinary round balloon is sufficient, but a large one adds to the effect
a bit.
        Tell the basic story of William Tell while making a bow and
arrow. The bow is one inflated 260 with an uninflated one tied to each
end to form the bow string. The arrow is simply a straight 260. If you
want to really build this up you could do a bit looking for music.
Explain that, like in the movies, music adds to the suspense. Pull a
ready made balloon trumpet out of bag and try to play (prior to learning
about the balloon trumpet I always used a kazoo as a gag instrument).
When you fail miserably at playing, look in the bag again and find a tape
recorder with the William Tell Overture. (Most people don't seem to know
the music by name, so it really doesn't matter what you play, but I still
like doing it right. :-)
        Now get to the heart of the story. The apple needs to get shot
off of someone's head. One of the kids stands up in front of everyone.
Get a large balloon. Let it slowly deflate (to the size of an apple)
before tying it off while trying to find a way of getting it to stay on
the kid's head. Pretend not to notice that the balloon is deflating.
Finally make a hat for the kid to wear and attach the apple to that using
a piece of tape. Blow up some extra arrows "in case you miss on the
first try." Since this is "dangerous", you won't want the kid wearing the
target to see the arrows coming at him. Place a blind fold on him. Have
someone put a blind fold on you. Knock the arrow and shoot. You might
actually not want to put the blind fold on the kid until you've got the
first arrow knocked and aimed. It can be an afterthought that you don't

wish to scare him. One person will keep handing you arrows since you
won't be able to see them. (Of course you could make a balloon quiver to
hold the arrows.) Needless to say, you'll keep missing the target. When
you get to the last arrow, the parent helping (who was handed a pin
before the show started) will sneak up behind the child with the apple
and pop it.
        At this point I show how happy I am that I succeeded and pull the
blind fold off and take a bow. Then I take a bow with the assistant. I
never let on that I know I had help popping the apple and the assistant
will be impressed. It'll only be a matter of a few seconds before the
assistant learns from his friends how the balloon popped, but they'll
have a lot of fun with the story telling since a demonstration was
involved and they all laugh at me for taking credit for being such a
great shot.

        Once it's all over I pick up the arrows scattered around the
floor and make an octopus for the birthday child. After all, you have to
do something with the inflated balloons.

Larry

```
Date: 04 Mar 97 13:43:06 -0800
From: "DDAWSON.US.ORACLE.COM" <DDAWSON@us.oracle.com>
To: balloon@fooledya.com
Subject: Lolipop Guild and Lullaby League do Oz
```

> *we represent the lollipop club*

Not to hammer anybody, but the munchkin men represent the Lolipop _Guild_, and the munchkin ladies represent the Lullaby _League_. (This is similar to the Kiwanis Club, Chamber of Commerce, and Daughters of the American Revolution coming out to honor a distinguished guest to their fair city.) It's hard to understand exactly what the little falsetti are saying in the movie, and I've seen many stranger interpretations than "club." Sorry, this just sets my teeth on edge, as when someone pronounces nuclear as "noo-kew-ler" or jewelry as "joo-ler-ee."

OZ creature ideas, mostly constructed from figures available on the website (http://www.fooledya.com/balloon):

- Instead of sculptures, think balloon _costumes_:

  -- Dorothy: Make Orange braids coming off of an orange helmet. Tie an
     uninflated red balloon at the end of each braid as a ribbon. You can
     make a Toto for her to carry.
  -- Witch - hat and broom.
  -- Oz - Make a huge green helmet with eyes and a nose over the subject's
     head and he's the great and powerful Oz.
  -- Glynda - Crown and Fairy Wand.
  -- Flying Monkey - Angel wings and a tail.
  -- Castle Guards: Make spears (or swords) and helmets, then walk around
     saying "Byoh-EE-oh. Be-YOOOH-oh" (even I can't figure out what the
     guards are chanting).
  -- Scarecrow - uhhh - you could pretend he didn't exist...ask, wouldn't you
     rather be a flying monkey...?...ok, maybe put a bunch of grapes on a
     helmet and say its a brain...put uninflated yellows hanging out of his
     sleeves, black hat, green vest...hmmm. Face painting would help a lot
     here, if you offer it. It would also help the...
  -- Lion - Make a helmet with long brown braids and a red bow joining them
     at the top. A little face painting would make it toooo cute.
  -- Tin man: use grey balloons to make a vest and belt. A helmet with
     a point sticking up for the funnel. Wrap curlicues around the arms
     and legs. Add an ax (brown handle, grey blade) and a 6" heart, and
     the look will be complete.
  -- Nasty Apple Trees: Make Chris's cool Reindeer antlers, but put little
     round red balloons on them.

 - Sculpture ideas:

  -- Put bat wings on a monkey! (If you make these, they'll be so cool that
     no one will want anything else!)
  -- Make a simple lion, but practice drawing the pinched-up scowl that
     Bert Lahr uses in the movie.
  -- Apple trees (brown trunk, green "grape bunches" for leaves, small red
     balloon apples). Draw on a scowling face.
  -- For Toto, you can make a dog with short legs and a bird body.
  -- A witch is easy to do, Glynda would take some experimentation.
  -- Dorothy, Scarecrow and Tin Man are all hard to do and make them really
     distinctive without props. You can make a generic girl, then put a
     mouse-sized dog in her arms and call it Dorothy. I'm afraid the Tin Man
     and the Scarecrow will require add-ons to make them resemble the
     on-screen characters.
```

I think you're much better off going for costumes than trying to create the
lead characters from the film. You may want to skip them altogether, and focus
on accoutrements (apple trees, Totos, Flying Monkeys, etc.).

Hey, the latest Balloon Magic _acknowledges_ that they acquired some of their
material from Balloon HQ (see page two - they reprinted some of the one-liners
I use when my sculptures don't turn out as well as I'd hoped: they left the
best ones on the website, though!). Good pictures of Marvin, Royal and Patty,
too.

Cap'n Denny (the Red Flash!)
ddawson@us.oracle.com
http://www.epcomm.com
http://www.draw3d.com
http://www.drawwithmark.com

Date: Sat, 1 Jun 1996 21:15:05 -0500
To: Kyle Waltz <kylejwaltz@earthlink.net>
From: psorell@star.net (Patricia Sorell)
Subject: Re: wrist corsages

Kyle,

My version of a wrist corsage is a regular 6 petal flower using one
balloon. The center of the flower and the bracelet part is one balloon.
Just blow a tiny bubble into the balloon and wrap it into the center of the
flower. The rest of the 260 is looped around and tied into the center of
the flower. Ive found this to be the most popular balloon for the ladies
at the more grown up and /or elegant affairs. They can have their balloon
and still hold their drinks too!

Patty Sorell CBA

```
From balloon-request@cvs.rochester.edu Fri Feb 17 08:34:24 1995
Received: from swift.cvs.rochester.edu by mother.ent.rochester.edu with SMTP id AA19404
   (5.65/IDA-1.4.4 for /usr/local/lib/lists/balloon.archive); Fri, 17 Feb 1995 08:34:24
-0500
Received: by cvs.rochester.edu (4.1/MAIN-MX-1.4.3.1)
         id AA22924; Fri, 17 Feb 95 08:25:13 EST
Resent-Date: Fri, 17 Feb 1995 13:18:10 +0000 (GMT)
Old-Return-Path: <jjs3@leicester.ac.uk>
From: "J.J. Smith" <jjs3@leicester.ac.uk>
Message-Id: <6402.199502171318@hawk.le.ac.uk>
Subject: adult models
To: balloon@cvs.rochester.edu
Date: Fri, 17 Feb 1995 13:18:10 +0000 (GMT)
X-Mailer: ELM [version 2.4 PL22]
Content-Type: text
Content-Length:      1767
Resent-Message-Id: <"5cIv7.0.8c5.uEAHl"@swift.cvs.rochester.edu>
Resent-From: balloon@cvs.rochester.edu
X-Mailing-List: <balloon@cvs.rochester.edu> archive/latest/81
X-Loop: balloon@cvs.rochester.edu
Precedence: list
Resent-Sender: balloon-request@cvs.rochester.edu
```

Dear Balloonollogists,

This is in response to Carl's enquiry about adult balloon models. I am a
medical student studying at Leicester Uni. I first started modelling when I
did my peadiatric attachment. I so enjoyed creating these sculptures that I am
now never without a pocket full of balloons. I do a series of balloon models
that follow the fortunes of a young lady. This is the washerwoman model from
the Hardy series of books, or it has been shown to me as the Madonna/Sam Fox
model. The proportions can be adjusted to suit.

```
                              ( )
                             /OO\
                             ||  ||
                             |\/|
                             ||||
```

I then adjusted this model to create a pregnant lady.
Use a 260 with a 6-8 inch tail. You can easilly loose xs tail at the end
This starts with a 1/2-3/4 inch balloon which is ear twisted. This is then
placed inside the balloon and twisted off, and the balloon retied.
You should now have a 260 with a 5-6 inch tail and a free kidney (foetus)
shaped balloon inside. You now complete the Madonna model ensuring that the
feotus ends up in the abdomen. This clearly no quite anatomically correct.

The series continues with the babe in mothers arms model, and finally the happy
father.

Happy father

```
  (   )(     )(     )(     )(         )(         )(   )(   )(       )
    a 1  b  2    c  3  d  4    e     5    f     6 g 7 h 8    i
```

a-head
bcd-creata bird body for arms and beer gut
ef-legs
gh-testicles

i-adjust proportions to suit purpose.

I am sure that these models are familiar to most of you. If any qeustions please get back to me.

This series has earned me many a pint.

Good sculpting

jj

jjs3@le.ac.uk

```
Date: Sun, 02 Feb 1997 00:21:45 -0500
From: Dan <guterman@mail.accent.net>
To: balloon@fooledya.com
Subject: Yoda
```
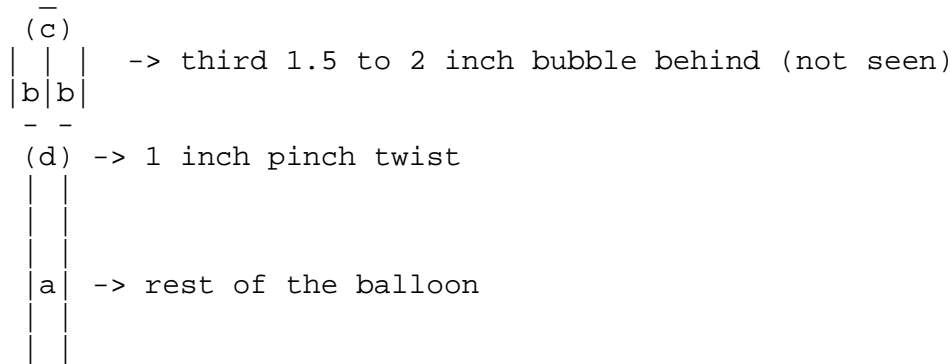
Balloon Boy's Yoda

I myself am a big fan of Star Wars and after Myke suggested Star Wars
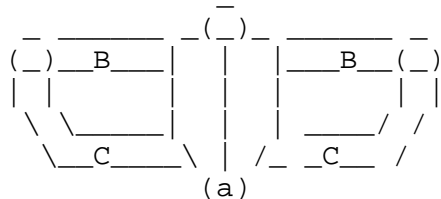stuff I just had to think of something .

This is a fast 2 balloon Yoda, I have no idea if this is going to work
when tried on a balloon because it is all in my head (I have no
balloons on me!)

You will need
        1 Green 260
        1 Brown 260

Inflate the green 260 leaving about 2 inches uniflated and burp the
balloon. Twist a 1 inch twist followed by two 1.5 - 2 inch
locktwisted.Twist another 1.5-2 inch bubble and push it through the two
already locktwisted.Twist a 1 inch pinch twist.This is what it should
now look like.

```
            _
          (c)
         | | |   -> third 1.5 to 2 inch bubble behind (not seen)
         |b|b|
          - -
          (d) -> 1 inch pinch twist
          | |
          | |
          | |
          | |
          |a| -> rest of the balloon
          | |
          | |
```

Now in the next step you will bring the rest of the balloon (A) to the
intersection between C and B and twist.Now you should have a 1 inch
twist followed by a bird body with 4 bubbles and a 1 inch pinch
twist.That's the face , now to the ears. This will not be exact so
you'll have to make the adjustments.The key to making Yoda's ears pointy
is the length of the 2 bubbles.The first bubbble , bubble B most always
be somewhat shorter than bubble C this is what gives the balloon it's
archlike shape. Twist a 2.5 bubble followed by a 1 inch pinch twist, Now
twist a 4 inch bubble and locktwist with the 1 inch pinch bubble that
follows 4 bubble bird body, repeat the same but in reverse order to
make the other ear.This is what it should look like:

```
                       _
           _ _____ _(_)_ _____ _
         (_)__B___|  |  |__B__(_)
         | |       |  |       | |
          \ \_____|  |  | _____/ /
           \__C_____\ | /_ _C__ /
                   (a)
```

** You get the idea!!??!!

The body is really simple, just make a diamond body (teddy bear body).
Inflate the brown balloon leaving a 4 inch tail. Tie the nozzle around
the ear twist (a). Shove the ear twist inside the 4 bubble bird body,

now procced in making a diamond body except leave no tail instead just
make a ear twsit and pop the rest of the balloon.

That's it , if someone tries it out tell me how it looks!!

It seems the ears would look better if they connected to something
higher than the pinch twist (A) I guess I'll work on that and get back
to you.

Anyone having trouble with the figure or any questions just e-mail me.

        The Balloon Boy