

SCIENCE 4 ME



Bubbles

Explore your world with this Science-4-Me adventure!

Computer fun!

<http://bubbleblowers.com/homemade.html>
For a list of 9 easy, and great bubble solutions you can make at home!

Picture Books:

Curious George Car Wash, H.A. Rey
Bubble Bath Pirates, Jarrett Krosoczka
Big Bad Bubble, Adam Rubin
Bubble Trouble, Margaret Mahy
Chavela and the Magic Bubble, Monica Brown
The Big Red Tub, Julia Jarman
Bubble, Bubble, Mercer Mayer

Early Readers

Bubble Power, ER Nagaraj
Bubble Trouble, ER Krensky
Quite Enough Hot dogs and other Silly Stories,
ER Quite
Four Pups and a Worm, ER Seltzer

Non-fiction

How to make Bubbles, Erika Shores J 530.078 SHO
Pop! A book About Bubbles, Kimberly Bradley, J 530.427 BRA
Super Simple Things to do with Bubbles, Kelly Doudna, J 541.3 DOU
Science Experiments that Fizz and Bubble, Jodi Wheeler-Toppan
J 507.8 WHE

Let your child practice blowing bubbles. How can they make bigger or smaller bubbles? Can they make their bubbles go higher by blowing on them? Give your child a paper fan or a piece of construction paper folded in half. Blow a bubble and then try to change the bubble's direction by using the paper or fan.

LOCAL CONNECTION

The Bubble Run

<http://www.bubblerrun.com>

The Bubble Run is an annual 5 K fun run for all ages. Participants run, walk, dance and play over 3 miles with Foam Bogs of colored suds encountered at each kilometer along the course. Proceeds from the run are donated to local charities.

Gibson Library

100 W Lake Mead Pkwy, 89015
(702) 565-8402

Green Valley Library

2797 N Green Valley Pkwy, 89014
(702) 207-4260

Paseo Verde Library

280 S Green Valley Pkwy, 89012
(702) 492-7252

Blowing Bubbles

ACTIVITY!

Blowing, watching, and playing with bubbles is a fun learning activity for preschoolers. It helps this age group gain cognitive development, understand basic science principles, and experience science in a playful, experimental way.



What you need:

Different sizes and shapes of bubble wands (OR)

Home items-such as, cookie cutters, slotted spoons, straws, eye droppers, straws, etc.

(OR) Home made wands using chenille stems (chenille pipe cleaners) Twist the pipe cleaners into different shapes (hearts, odd shapes etc.) making them bubble wands.

Try this:

1. Gather your wands, home items, or pipe cleaners together.
2. Talk about the different wand or items different shapes. Ask your child to predict what shape the bubble will be for each shape.
3. Blow bubbles through your wands or shaped items.
4. What happened? What was the shape of the bubble? Try making bubbles with additional shapes.

Bubbles will always come out round, no matter the shape of the wand because the air inside of the bubble pushes out evenly on all sides, which always makes the bubble a sphere.

Electronic Resources
(download from
www.hendersonlibraries.com)

It's Time for Bubble Puppy
Firefighter Gil

What's the connection between science and writing? Scientists are chronic writers! They write down hunches, observations, and they sketch whatever they are studying. Writing and sketching are important tools real scientists use to help themselves think.

JOURNAL

Counting Bubbles! Ask your child to blow bubbles using three of their favorite bubble wands. Count and write down how many bubbles came out of each wand. Graph the results. If the number of bubbles is different with any of the wands, discuss with your child why they think this happened.