

BUBBLES

PURPOSE: Children will investigate a variety of kitchen items to create bubbles.

MATERIALS:

Soap Bubble Magic by Seymour Simon

1 cup liquid soap (Joy or Dawn liquid dish detergent)

1 cup sugar

1 large dish pan or pot

1-gallon jug or container

Assortment of kitchen utensils



PROCEDURE:

1. Fill one-gallon container $\frac{3}{4}$ full of water.
2. Add one cup liquid soap.
3. Add one cup sugar.
4. Mix. Let sit overnight.
5. Pour the bubble solution into a large dishpan or pot.
6. Have your child predict which kitchen utensils can be used for making bubbles.
7. Have your child select three kitchen utensils to test if they make bubbles.
8. Dip one utensil at a time into the soap solution and try to make bubbles by blowing on the utensil or waving it around.
9. Discuss which kitchen items make the best bubbles. Which items made the smallest bubbles? Which items did not make bubbles?
10. Have your child compare predictions made with results.

HOW IT WORKS: Soap can be added to water to create bubbles. Sugar helps to make the bubbles bigger and to last longer. Objects that have holes in them can be used as bubble makers. Some examples are: Potato masher, slotted spoons, plastic strawberry containers, six pack plastic holder, funnels, and colanders.



WRITING PROMPT

Bubbles are fun to make. You can use many things as bubble wands.

Think about all the objects you can use to make bubbles. Which object made the biggest bubble?

Draw a picture of your bubble wand and the bubble it made. Have a family or friend help you write about the colors you saw in your bubble.

Parent Signature: _____

**FAMILY SCIENCE PROJECT**

Date: _____

Name: _____

Teacher: _____

Hypothesis (What do you think will happen?)

Date/Observation:

Conclusion: (What you learned or discovered):

*(*You may continue your observation on another sheet. You may want to create a graph to record your data.)*

For the reading portion of Family Science, you may choose to read a book or an article, OR you may use the Internet in order to find some background information concerning this Family Science Project. If you read a book or an article, please include the complete title and author. If instead you looked up the information on the Internet, please include the complete website.

We read the following book, **OR** researched the information on the Internet:

Book Title: _____ Author: _____

Complete Website: _____

Writing Prompt (minimum 3 sentences)
