

Basic Bubbling

Materials (per child):

- 2 straws
- 2 cups
- Bubble Solutions (see recipes below)
- Newspaper (for easy clean up)

What to do:

Invite the child(ren) to sit at an outdoor table with the cups and straws. Ask if they have ever blown bubbles into their beverage with a straw. Explain that today they are doing an experiment with two different types of liquids. Invite the children to use the straws and begin blowing. Allow the bubbles to fill and overflow the cups. Encourage the children to observe and experiment.

Ask these questions:

- What shape are the bubbles?
 - Round
- Can you see any colors in the bubbles?
 - Rainbows
- Does it make a difference if you blow gently or hard?
 - Yes, blowing too hard pops the bubble before it even forms.
- Do you think you can make a bubble without air or wind?
 - No
- Which solution made more bubbles? Which solution made bigger bubbles?
 - The answer will depend on the outcome of your individual experiment and their observations. There is no right or wrong answer here!

Application:

Encourage the children to talk about what they like about bubbles.



Bubble Solution Recipes

Bubble Solution 1:

- 1 part Dawn Ultra or Joy Ultra dish soap
- 15 parts water
- ¼ parts glycerin or white Karo syrup

Bubble Solution 2:

- 1 part regular Dawn or Joy dish soap
- 10 parts water
- ¼ parts glycerin or white Karo syrup

Note: You may want to make each solution a few days in advance. You can store the solution for future use and reuse it. Bubble solutions give best results after sitting for a while, but this is not required.

