

Materials:

- Water Based Paint
- Water Dish Soap
- Disposable cup or bowl
- Straws
- Paper (watercolor paper works well for this)
- Plastic Spoon



Directions:

First, get the solution ready.

- Place 4 spoonfuls of paint into a bowl.
- Add 2-3 spoonfuls of dish soap.
- Add 4-5 spoonfuls of water.
- Mix everything together.

Next, get the bubbles ready.

 **MAKE SURE TO ONLY BLOW OUT WHEN USING THE STRAW. DO NOT SUCK IN. IF YOU SUCK IN YOU WILL GET A MOUTHFUL OF PAINT AND SOAP. YUCK!**

- Put one end of the straw in the cup or bowl.
- Blow into the mixture until the bubbles start to spill over the top.

Finally, create your design!

- Gently place one section of your paper on top of the bubbles. The color from the bubbles will transfer to the paper.
- Repeat filling in different sections of the paper until you have all the parts filled in that you want to fill in.
- Optional: Take another piece of paper and mix more colors. See what happens!
- Wait for your design to dry. Display it for all to see.

Science Fun Fact: Why Bubbles Are Round

Bubbles are round (spherical) because there is an attractive force called surface tension that pulls molecules of water into the tightest possible groupings. And the tightest possible grouping that any collection of particles can achieve is to pack together into a sphere. Of all possible shapes - cubes, pyramids, irregular chunks - a sphere has the smallest amount of outside area.