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Blowing Bubbles

Why are bubbles round? Bubbles are air trapped inside a thin layer of liquid soap. They can stretch and look like long tubes or funny shaped balloons while they are being formed. But once they are sealed, they shrink to the smallest possible shape with the least amount of surface area, a sphere. That is why bubbles are always round. In this experiment, little ones can test different shape wands to make bubbles.



You'll need:

- Bubble solution or make your own with the recipe below.
- Large shallow pan or dish
- Pipe cleaners

What to do:

1. Pour the bubble solution into a shallow pan, at least one inch deep.
2. Bend the pipe cleaner into a shape (circle, square, triangle) and use it as the wand to dip into the bubble solution.
3. Make bubbles! Watch what shape they form. Is it the same shape as the wand? No!
4. Try making other shape wands and see what happens to the bubbles.



Bubble recipe

- 2/3 cup of dish soap
- 16 cups of water
- 1 tablespoon of glycerin

Mix all ingredients together and let it sit overnight.

