



What You'll Need:

Kitchen Science



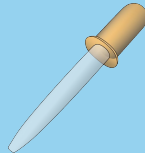
Vinegar



Food Coloring



Baking Soda



Eye Dropper
(or spoon)



Cookie Sheet
(or plate)

Cover your cookie sheet or plate with the baking soda and get ready for some super science!





Bubble Color Mixing

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- 1. Add a layer of baking soda on the plate, tray or baking dish.**
- 2. Add 1-4 drops of one color of food coloring to one spot. Add 1-4 drops of a second color to another spot close to the first.**
- 3. Use your dropper or spoon to add some vinegar between the two colors and watch what happens.**
- 4. Try the experiment again with different colors, more coloring (or less), more vinegar or a different acid like lemon juice.**



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Sock



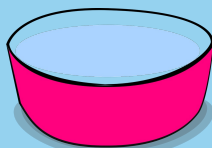
**Empty
Plastic
Bottle**



**Rubber
Band
(optional)**



$\frac{1}{2}$ cup
**Dish
Soap**



$\frac{1}{2}$ cup
**Warm
Water
in a Bowl**



**Food
Coloring
(optional)**

Mix the water and soap together.
Cut the bottom off of your bottle (***grown ups only!***)
and use the sock to cover the opening you just made.



Bubble Snake

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- 1. Mix $\frac{1}{2}$ cup of dish soap into a $\frac{1}{2}$ cup of water to make a very easy bubble solution.**

Tip: You can use store bought bubble solution or your favorite bubble recipe.

- 2. Carefully cut the bottom off of an empty plastic bottle**

Tip: If you're having trouble, warm up your scissors or knife before the first cut.

- 3. Stretch a sock over the cut end of your bottle. Use a rubber band to hold it if it's not tight.**

- 4. Dip the sock end of your bottle into the bubble solution and blow into the mouth of the bottle to make your bubble snake!**

Tip: Make sure young scientists don't suck in or they will get a mouth full of bubbles

