



## Bubbling Up!

*Create carbon dioxide gas through a chemical reaction!*

**Length:** 15 minutes

**Difficulty:** Easy

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### Supplies

- Cork
- Screwdriver
- 2 Drinking Straws
- Scissors
- Glass Bottle
- Baking Soda
- Clean Drinking Glass
- Measuring Spoons
- Water
- Food Coloring

### ACTIVITY INSTRUCTIONS

**(Parental Warning: Scissor Use)**

1. Poke a hole through the middle of a cork using a screwdriver
2. Insert the short end of a drinking straw in the hole in the cork.
3. Cut a small slit at the other end of the drinking straw and slide it inside a second drinking straw.
4. Fill the drinking glass with water and stir in a couple of drops of food dye.
5. Pour half a tablespoon of baking soda into the bottle using a folded piece of paper.
6. Pour some vinegar into the bottle until it is about  $\frac{1}{4}$  of the way full. Then, quickly push the cork into the top of the bottle and put the end of the second straw in the glass of dyed water.
7. Watch bubbles appear in the water

