

FIZZY BALLOONS!

Make sure to use Adult Supervision

What you need:

- Balloon
- Funnel
- Empty water bottle or 16 oz soda bottle
- 1/2 cup white vinegar
- 1 tablespoon baking soda
- Food coloring (optional)



Steps

1. Add 1/2 cup of vinegar to your bottle.
(Add a few drops of food coloring if you'd like!)
2. Using a funnel, hold the mouth of the balloon open and use the funnel to place 1 tablespoon of baking soda into the balloon. Shake the balloon gently so the baking soda goes into the balloon.
3. Stretch the balloon over the lip of the bottle, until it is securely fastened. Let the balloon hang down on the outside of the bottle until you are ready for Step 4.
4. Hold onto the neck of the bottle, and carefully lift the heavier end of the balloon until all of the baking soda falls into the bottle. Watch what happens to the balloon!



WHAT'S THE SCIENCE?

When the baking soda and vinegar mix inside the bottle, it creates a chemical reaction. We can see this reaction in the bubbles! This chemical reaction gives off a gas which inflates the balloon.

Watch Ryan's baking soda and vinegar science experiment here:
https://youtu.be/XB_Ud6K8oyE?t=2858

