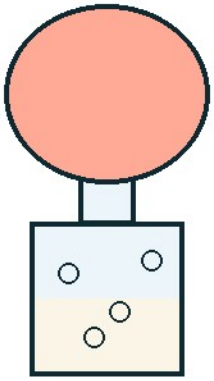
Fizzing Gas: Baking Soda and Vinegar

Make a balloon blow itself up



YOU NEED

- an empty plastic bottle
- a balloon
- 2 spoons of baking soda
- half a cup of vinegar
- a funnel
- a tray

Ask a grown-up to help

TRY IT

1. Use the funnel to put the baking soda into the balloon.
2. Pour the vinegar into the bottle.
3. Stretch the balloon opening over the bottle neck without tipping the soda in yet.
4. Lift the balloon so the soda falls in. Watch it fizz and the balloon grow.

WHAT IS HAPPENING

Vinegar is an acid. It reacts with baking soda and makes carbon dioxide gas, which fills the balloon. A chemical reaction has made a new substance.

SAFETY FIRST

Wear safety glasses and work on a tray. Never seal this reaction in a closed bottle or jar, because the gas can make it burst. Do not taste the mixture.

Never mix cleaning products, and never taste experiments.

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