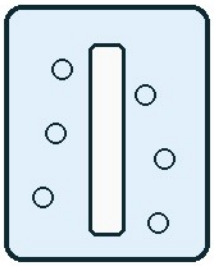
Chalk and Vinegar

A solid that makes bubbles



CO2 bubbles

YOU NEED

- a stick of plain white chalk
- a glass
- vinegar
- a tray

Ask a grown-up to help

TRY IT

1. Put the chalk in the glass.
2. Pour in vinegar until it covers the chalk.
3. Watch the bubbles rise from the chalk.
4. Come back after an hour: the chalk is smaller and softer.

WHAT IS HAPPENING

Chalk is mostly calcium carbonate. The acid in vinegar reacts with it and releases carbon dioxide gas. Seashells and limestone react in the same way.

SAFETY FIRST

Wear safety glasses and do not breathe in chalk dust. Keep the glass out of reach of small children. Do not taste anything.

Never mix cleaning products, and never taste experiments.

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