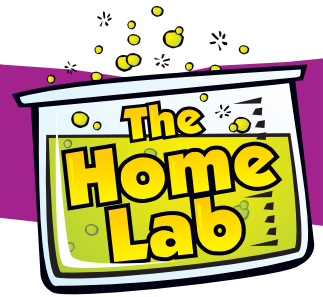
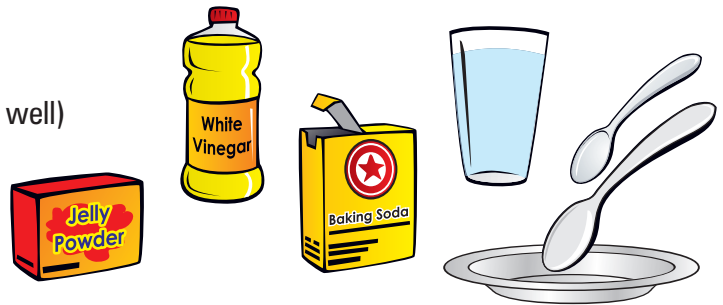


# Jelly Volcanoes



## What you need:

- 1.5mL (1 tbsp) Baking soda
- 60mL (¼ cup) White vinegar
- Red colored jelly powder (strawberry or raspberry works well)
- 8 oz drinking glass
- Plate
- Teaspoon
- Tablespoon



## What you do:

**Step 1:** Put a plate underneath a drinking glass for the overflow from your volcano.

**Step 2:** Fill your glass ¼ full with vinegar.

**Step 3:** Add 4 teaspoons of jelly powder to the glass. Stir until the powder has dissolved in the vinegar.

**Step 4:** Add one tablespoon of baking soda to the glass.

**Step 5:** Watch your volcano erupt!



## What's going on:

Volcanoes occur when there is a hole or break in the Earth's crust that allows hot, liquid mantle to escape in the form of a volcano's eruption. Just like your jelly volcano, liquid flows down the side of the volcano. However, in a real volcano this liquid is red-hot lava. Scientists called "volcanologists" study the changes that take place in lava flows to understand and try to predict when volcano eruptions will happen.

## Now try this:

Try this experiment with a different glass. Try glasses that are shorter, taller, rounder or narrower. Does this change the result?

