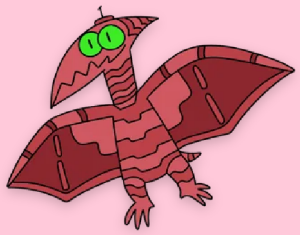
SCIENCE · VOLCANOES AND EARTHQUAKES · GRADES 1–5

# Baking Soda Volcano

An experiment: change the amount of vinegar, record how long the volcano bubbles and explain what made the bubbles.



**Name:** _____ **Date:** _____

**You need:** a cup on a tray, baking soda, vinegar, a spoon, a measuring cup, dish soap and safety goggles. **Do it:** put 2 spoonfuls of baking soda and a drop of dish soap in the cup. Pour in the vinegar and time the bubbles. Wash out the cup and try again with more vinegar.

**I predict that more vinegar will** _____

| Try | Baking soda | Vinegar | How long it bubbled (seconds) | How high it rose |
|---|---|---|---|---|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |

**What happened when you used more vinegar?**

_____

_____

**The bubbles are a gas. Where do you think the gas came from?**

_____

_____



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