## Exploding Lava

Have you ever wanted to see a volcanic eruption up close? With just a few simple ingredients we can create a chemical reaction that will look like lava exploding out of a volcano.

## What you need:

- · An empty, clear water bottle (16 oz. or larger)
- ·Water
- · 2 drops of food coloring (It has to be liquid, not gel. You can mix colors if you want.)
- · Cooking oil (Approximately 2 Tablespoons)
- Alka-Seltzer tablets (3-4 tablets)

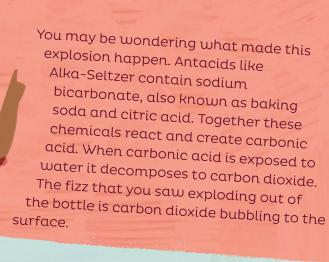
## What you do:

Step 1: This experiment can get messy! You may want to place the bottle in a plastic bin, cover a table with a plastic tablecloth, or do the experiment outside for easy clean up.

Step 2 (make a hypothesis): Predict what you think will happen. Will the water stay in the bottle? Will it bubble over top and explode?

Step 3 (experiment): Fill up the water bottle 1/4 of the way and add 2 drops of food coloring. Mix together. Top with cooking oil. Add the Alka-Seltzer tablets. You can play around with how many you want to use.

Step 4 (analyze results): Make an observation. What happened when you added the Alka-Seltzer tablets? Did something different happen depending on







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