

# SCS Quick Science!

## Lava Lamp Reaction

With just a few supplies that you may already have at home, you can make your own lava lamp! All you need is a clear 1 liter bottle,  $\frac{2}{3}$  cup of water, vegetable oil, an alka seltzer tablet, and food coloring.

1. Pour  $\frac{2}{3}$  cup of water into the clean and clear 1 liter bottle, then fill the rest of the bottle with vegetable oil.
2. Let the bottle sit for a few minutes to allow any bubbles in the vegetable oil to work themselves out. Then add  $\frac{1}{2}$  of an alka seltzer tablet. It will fall through the oil and react with the water causing colored bubbles to rise!

**Pro tip #1:** You can add the food coloring after you add the water and vegetable oil. The color will sink through the oil and only mix with the water. I mixed mine ahead of time because my little guy likes to stir.

**Pro tip #2:** Grab a flashlight and shine it up through the bottom of your bottle for a cool effect!

