

## Lava Lamps

### Instructions:

- fill bottle with 1-2 inches of water,
- add 5 drops of food coloring,
- and then fill it at least three-quarters full with vegetable oil
- cut an Alka-Seltzer tablet into a few small pieces and drop them in the bottle one at a time
- Watch your lava lamp erupt into activity!

[Science behind it:](#) Water is denser than the oil. The Alka-Seltzer tablet reacts with the water to make carbon dioxide gas. Carbon dioxide gas has a VERY low density. Carbon dioxide gas can attach themselves to the colored water and cause them to float to the surface.