

# Create your own Lava Lamp

**Experiment Time:** 3-5 min

**Experiment Link:**

<https://www.sciencekids.co.nz/experiments/easylavalamp.html>



## Ingredients:

- Clear plastic bottle (with cap if you want to keep it)
- 10 drops of food coloring
- Water (about  $\frac{1}{3}$  the size of your plastic bottle)
- Vegetable Oil (about  $\frac{2}{3}$  the size of your plastic bottle)
- 1 Alka Seltzer tablets
- A funnel (optional, can use a rolled-up paper plate)

## Directions:

- Add your water to the plastic bottle followed by your oil, leaving a little room for air at the mouth of the bottle (funnel would be ideal to use here)
- Add drops of food coloring
- Add Alka Seltzer tablet (if too big break it into smaller pieces to fit through mouth of bottle)

## Notes:

- Can use other containers instead but the plastic bottle allows campers to save theirs
- Great opportunity to teach about density
- Can also add glitter to the lava lamp if available