



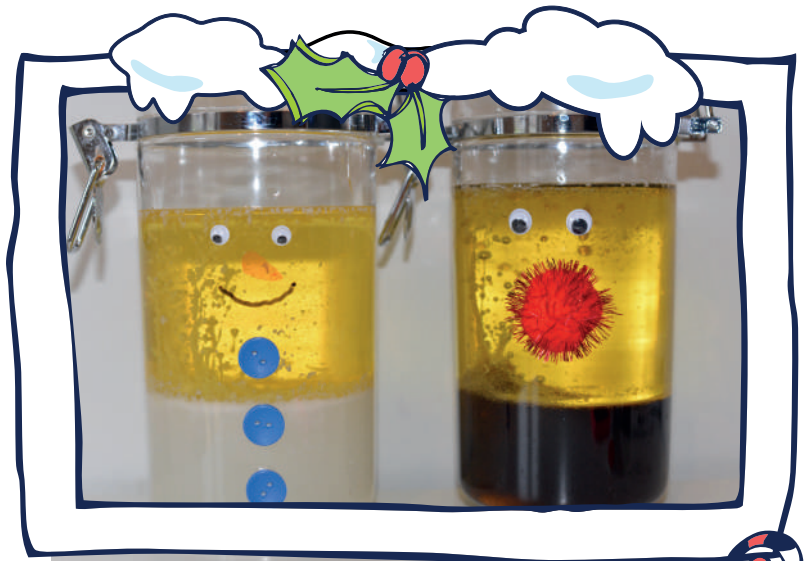
# Lava Lamps



Lava lamps are a simple but great fun science activity for kids using simple materials you probably already have in your kitchen cupboard. They are a great way to learn about liquids having different densities and an exciting introduction to chemical reactions.

## Materials!

- clear jar or bottle
- Water
- Food colouring
- Alka Seltzer
- Vegetable oil



## Method!



- Fill the bottle or jar about  $\frac{1}{3}$  full of water, add food colouring.
- Fill to almost the top with vegetable oil
- Drop an alka seltzer into the jar and watch the fizz.



## Discuss!



Why does the oil sit on top of the water?

## Extension Tasks...



- What happens if you use two alka seltzer tablets?
- What happens if you shake your jar?

