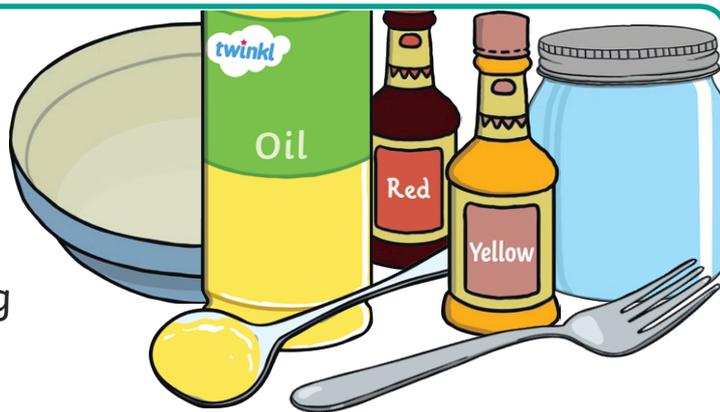


Science Week: Fireworks in a Jar

You Will Need

- A jam jar or similar
- A small bowl or dish
- Cooking oil
- Different coloured food colouring
- Fork



This is a great experiment to try at home or at school. It only needs a few basic ingredients and everyday kitchen equipment.

Method

- 1 Fill the jar about $\frac{3}{4}$ full with the warm water.
- 2 Mix the oil and a few drops of food colouring together in the bowl with a fork.
- 3 Pour the mixture slowly into the jar with the water.
- 4 Watch as the fireworks begin!

The Science Bit

When the oil and food colouring are poured into the water, it stays on top of the water, but soon the food colouring starts to sink into the water, leaving colourful trails as it falls and dissolves.

Safety:

Do not try to use boiling water for this experiment. Always get a grown-up to help you when you are doing science.

