

# LOOK OUT, IT'S A LAVA LAMP!

All you need is a clear bottle with a lid (an empty water bottle is perfect), vegetable oil, food colouring in any colour you choose, and some salt.



Get your ingredients!



First the oil goes in



Add some water



Then the food colouring



Add some salt!



Tip the bottle

## STEP 3.

Add a few drops of food colouring to the bottle.

## STEP 4.

Add some salt to the bottle and watch to see what happens... the oil and water won't mix, the food colouring will only colour the water, and the salt will sink to the bottom and take some oil with it but when the salt dissolves the oil will float back up.



DIY Lava Lamp!

## STEP 1.

Pour enough oil into the bottle so that it is  $\frac{2}{3}$  full – probably a good idea to use a smallish bottle or even a jar – not 1 litre!

## STEP 2.

Carefully pour some water in, almost to the top but not overflowing.

Put the lid on and tip the bottle around - what happens? Add more salt - what happens?