

# MAKE YOUR OWN LAVA LAMP

#amazelabathome

## YOU WILL NEED...



Jar/Container



Food Colouring



Small Glasses/Cup



Baby Oil



Spoon



Baking Soda



White Vinegar



## SCAN ME!

To see video demonstrations of other fun experiments, scan the QR code and watch on your phone, tablet or computer.

## INSTRUCTIONS

- 1 Add the baking soda to your jar/container.
- 2 Add the oil to your jar/container.
- 3 Using another small container, add the vinegar and food colouring.
- 4 Add your vinegar solution to your oil and baking soda.
- 5 Watch as the reaction creates the effect of a lava lamp!

## THE SCIENCE!

Oil and vinegar are different densities. As vinegar is more dense than the oil it sinks to the bottom of the container. When the vinegar touches the bottom it reacts with the baking soda. This chemical reaction releases bubbling carbon dioxide gas that rises, creating the lava lamp effect.



**REMEMBER TO ASK FOR ADULT PERMISSION AND/OR SUPERVISION WHEN REQUIRED!**

We'd love to see how you get on with the experiment! Please share on social media using #amazelabathome

FOLLOW US ON

