

Fizzy Art Science

Science and art come together to make these fun and colourful creations. Best of all they use items you'd find in your kitchen!

You will need:

- Food colouring
- Bicarbonate of Soda
- Vinegar (white is best but any will work)
- Small tray (I used the lid of a plastic pot)
- Paper

Method:

Step One

On your tray place 1/2 tsp of bicarb and a couple of drops of your food colouring.

Step Two

Pour 1 tsp of vinegar on top of the mixture.

Step Three

Adding the vinegar will make the mixture bubble. Timing is crucial for this step as the bubbles will cause the colour to mix. When you're happy with the amount it has mixed, and whilst it's still bubbling, place your piece of paper on top and press lightly.

Step Four

Peel your piece of paper off carefully. You should have a lovely watercolour effect, which will improve whilst it dries. Lay the piece of paper down flat and let it dry. Could take a couple of hours.

The Science Behind It

This is called an acid-base reaction. The bicarb is the base and the vinegar is the acid in water. When mixed the base takes a proton from the acid. The bicarb transforms into water and carbon dioxide and carbon dioxide is released during the reaction, which gives it the bubbling effect.

