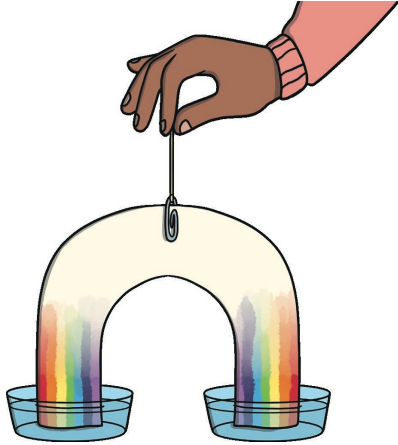


L.O: To follow instructions.

Did you know that you can grow your own rainbow?



- You will need a scientific process called the **capillary action**.
- Water molecules like to stick to each other - this is called **cohesion**. They also like to stick to solids in a process called **adhesion**.
- In this experiment, you are going to use kitchen roll. The fibres in kitchen roll have lots of little holes. Water is **absorbed** through the kitchen roll because when the first water molecule **adheres** to it and begins to move upward, it pulls the next water molecule up with it, like a chain.

Follow the instructions to make your own rainbow.

You will need:

Kitchen roll

2 bowls of
water

Felt tip pens

Paper clip

Method

1. **Firstly cut** the kitchen roll into a rainbow shape.
2. **Secondly** use the felt-tip pens to **colour** a rainbow about 2cm up from the bottom on each **cut** end. Remember the order of the colours: red, orange, yellow, green, blue, indigo, violet.
3. **Next attach** the paperclip to the top of the rainbow and **tie** a piece of thread to it. This will allow you to hold your rainbow.
4. **Then add** water to the two bowls.
5. **Finally hold** the rainbow with both ends slightly submerged into each bowl of water and **watch** your rainbow grow.