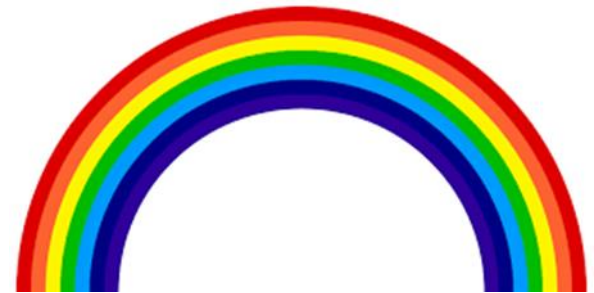




Science Week

By Venford Class



As part of our science work on 'seasons,' we looked at the weather experienced in each season.
For science week we learnt how to 'grow' a rainbow...



How to Grow a Rainbow

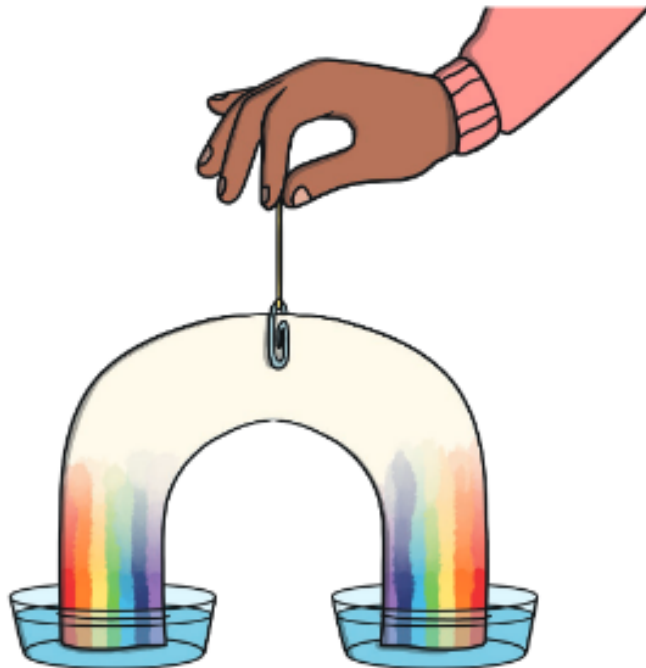
Science Experiment

Did you know that you can grow your own rainbow?

You will need a scientific process called the **capillary action**. This action happens when a liquid moves up through a hollow tube or into a spongy, solid material. It happens when three forces work together: **cohesion**, **adhesion** and **surface tension**.

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.



Words To Learn:

- capillary action
- adhesion
- cohesion
- absorbed

You will need:

- Kitchen roll/paper towel
- Felt-tip pens
- Two small bowls of water
- Paperclip
- Thread

We used words like 'absorb,' 'capillary action,' 'adhesion' and 'cohesion'.



We worked altogether and in groups.



We shared our results.



The rainbows were all very colourful...



Science week was fun!

