

What are we looking at today?

Pattern seeking

Fair Testing

Identifying and Classifying

Observation over time

Research

STEM



Challenge:

Today's challenge is to observe what happens when you place a 'blooming' flower into a bowl of water.

You will need:

- Paper to draw a flower template.
- Colouring pens (optional)
- A bowl of water
- A timer of some sort.



Challenges

Week: 5

Observation over time:

Blooming flowers

Things to talk about.

Try discussing these questions together.

- If we change the ___ will it ___?
- Does it make a difference if ___?
- How could we make it quicker?
- What else changes if we ___?



Aim:

Draw and cut out your flower template. You can colour it in if you wish (Does it make a difference? Test it and find out!).

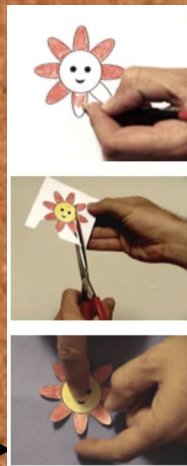
Next, fold the petals into the middle.

Place the flower on to the surface of the water.

Watch what happens.

Now what could you change? Have a think and making only one change at a time, try it again!

Have fun, this is a brilliant experiment!



Want to know the science?

About this type of scientific enquiry

Observation over time enquires help us to identify and measure events in the natural world as well as the physical process. The enquiry type requires using observation, reasoning and analysis skills.

How it works

As the paper flower comes into contact with the water, water is absorbed. The water then travels through capillary action to the creases, where the petals were folded. The creases swell, forcing the petals opening and thus creates a