

COLOUR



CHANGING FLOWERS

PROFESSOR PETE'S intro...

Background Information:

Colour changing flower science is a wonderfully simple science and STEM experiment you can do any time of the year. Also great for both the Spring season and Valentine's Day! Classroom science that is super easy to set up.



Step 1: Collect your equipment...

- 3 x white flowers (experiment with different varieties)
- 3x vases or glass jars
- food colouring (e.g. blue, green, yellow and red)

Step 2:

- trim the stems of the white flowers (carnations work really well) at an angle and place them into the glass jars.
- fill the jars half full of water.

Step 3:

- add several drops of food colouring to each of the glass jars.

Step 4:

- place the flowers into the glass jars and watch the flowers change colour.

PROFESSOR PETE SAYS...

The cut flowers take up water through their stems and the water moves from the stems to the flowers and leaves. Water travels up tiny tubes in the plant by a process called Capillary Action. Putting a coloured dye in the water in the vase allows us to observe capillary action at work.

