

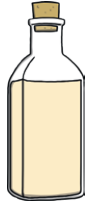
Awe and Wonder

Carnation Colours

You will need:



White or cream

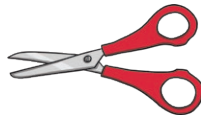


Water



Red, blue green, orange or yellow food

Plastic glasses



Scissors

Method:

1. Look at the flowers with the children.
2. Put water in two plastic glasses, add a different colour of food colouring to each glass.
3. Cut up the stem vertically from the end towards the flower, about $\frac{2}{3}$ of the way up.
4. Put one side of the stem in one glass and the other stem into the second glass.
5. Watch what happens, check in an hour, then at the end of the day, and the next day.
6. Record what you can see.



The Science

Water travels from the glass up the stem of the flower through transport tissue called xylem. This reaches the leaves and petals and hydrates them. The coloured water in the glasses shows us where the water has gone.