

Disclaimer

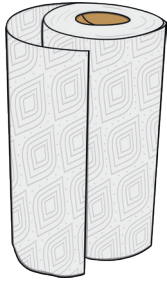
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Travelling Colours

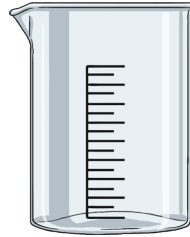
You will need:



water



white kitchen roll



six beakers or cups



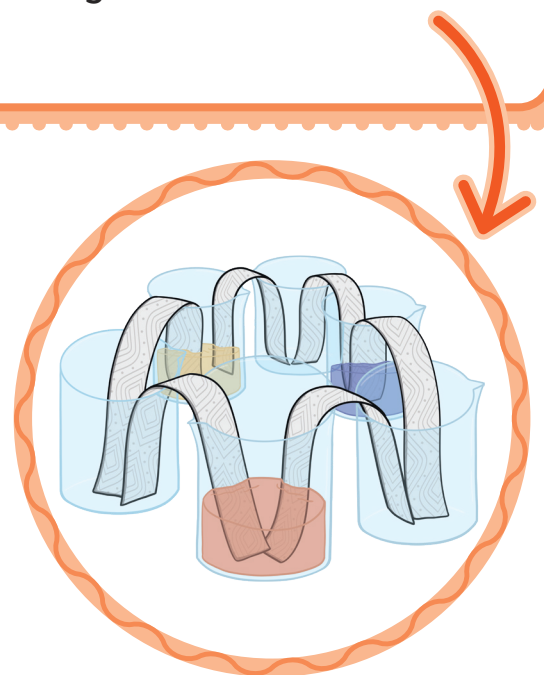
food colouring - red, yellow and blue

Method

1. Take three beakers and put a different colour of food colouring into each one.
2. Then, add water into each cup with the food colouring. You may find it needs stirring to ensure it is well combined.
3. Using 1-2 sheets of kitchen roll, roll lengthwise into a tube shape.
4. Bend in half and place one end in one beaker and then the other into an empty beaker.
5. Repeat step four so you end up with something which looks like this.
6. Observe what happens.

The Science

Water moves up the kitchen roll because it is absorbent. If a material is absorbent, it means that it can soak up liquid. The kitchen roll soaks up the water when it connects to it. As the water has been mixed with the food colouring, when the colours connect, they mix together.



Can you think of any other materials that absorb water?
 Do you think you could use a different liquid?
 What has happened to the amount of water in the beaker?
 What is the kitchen roll doing?
 Where is the water going?
 What can you see happening to the colours?
 What new colours have been made?
 What colours can you see?

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