

Year 1: Colours Experiments

Here are some fun science experiments for you to try at home.

How to Grow a Rainbow

You will need:

- Kitchen roll
- Colouring Pens
- Two small cups of water
- A paperclip

Why does this work?

The paper towel is absorbent which means that it sucks up the water from the cups. When the water gets to the coloured pen, it changes the colour of the water and so it makes the colour look like it's moving.

Method

1. First, cut out a rainbow shape from a piece of kitchen roll.	
2. Next, carefully colour the bottom of both sides with coloured pens.	
3. After that, attach the top of the rainbow to a paperclip.	
4. Then, place the two small cups of water on to a table a little way apart from each other so that the rainbow can sit in both sides.	
5. After that, wait for a while to see what happens!	

We can also try this to see how different colours mix to make new colours.

Kitchen Roll Colour Mixing

You will need:

- Kitchen roll
- Food colouring
- Three small cups
- Water

You could also try this with a long line of cups to see if you could make new colours!

Method

<p>1. First, place three cups in a row. You will need two pieces of kitchen roll to go from one cup to the next.</p>	
<p>2. Next, carefully add food colouring and water into the cups. Remember to put the kitchen roll back in!</p>	
<p>3. After that, wait for a while to see what happens!</p>	

Now try and fill in this colour mixing table to see which colours you have made. There are spaces for you to try your own!

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