Silly Science Fun

Remember to tweet @fordbridge2013

Grow a rainbow

You will need:

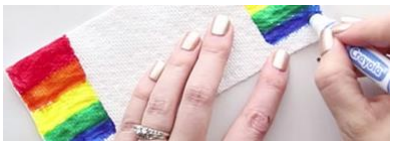
- Paper towels (kitchen roll)
- Water
- WASHABLE felt tips
- 2 small glasses

Method

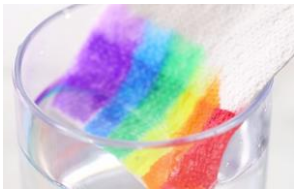
1. Fold a piece of absorbent paper towel in half longways. Cut it so that it is 7.5 inches long



2. Draw rectangles of colour on BOTH ends.



3. Fill 2 cups ¾ full with water. You only want the bottom of the paper towel in the water.



4. Leave for about 10-15 mins and the colours should join!



Super Science Facts

So… what's actually happening? This is an example of separating out a mixture of chemicals called **CHROMATOGRAPHY**. Something called capillary action makes the felt tip dye move up the paper towel, the water moves up through the absorbent paper towel, lifting the coloured molecules with it. Because the felt tips are water based, they **DISPERSE** in water.