

# Growing Rainbow Experiment Instructions

1. Fold over a piece of paper towel (so you have 2 pieces on top of each other). Trim the length to be 7.5 inches (any longer and the rainbow may not connect fully).

**TIP:** The shorter your piece of paper towel, the better it will connect. Also make sure you are using an absorbent paper towel. We used Bounty.



2. Draw rectangles of the rainbow colours on each end.



You want to make sure to fill these colours in well so there is enough dye to travel across the paper towel.



**TIP:** Add lots of marker to the ends, you want a good amount of dye to travel up the paper towel.

3. Place 2 cups with water filled 3/4 full. You only want the bottom of the paper towel in so leave some space from the top of the cup. Then place the paper towel into the cups, with one end in each cup.



**TIP:** Do not place the ends too deep in the water or the dye may dissolve into the water instead of moving up the paper towel.



4. The washable marker dye with slowly make its way up with the water to meet the other side in the centre of the paper towel.



5. Leave the paper towel for 10-15 minutes and it will eventually connect the colours together.



We love how simple this science experiment is! Expand on the learning by testing with permanent markers or just water to see what happens in those scenarios.