

## # Somewhere Over the Rainbow #

### Walking Rainbow Experiment

How to create a rainbow from red, yellow and blue water.



To set up this experiment, you will need

- Seven cups or glasses of equal size
  - Water
  - Food colouring (red, yellow, blue)
  - Paper towels
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- Set your identical cups or glasses about 2 inches apart.
  - Pour water into Cup 1, Cup 3, Cup 5 and Cup 7 until half full.
  - Add five drops of red food colouring to Cup 1 and Cup 7.
  - Add five drops of yellow food colouring to Cup 3.
  - Add five drops of blue food colouring to Cup 5.
  - Fold six strips of paper towel until they are 1 to 2 inches wide.
  - Place one end of a paper towel strip into the red water of Cup 1 and the other end into the empty Cup 2.
  - Place another paper towel between empty Cup 2 and the yellow water in Cup 3. Continue until there is a paper towel between each cup.
  - Let them sit for approximately one hour.
  - Return and observe what happened.

*\*Spoiler alert : the coloured water will have travelled to the empty cups and mixed to make new colours (red orange, yellow, green, blue, indigo, violet)*

