



HOW TO MAKE A RAINBOW

What You Need:

- **A glass of water**
- **A sheet of white paper**
- **Sunlight or a torch**

Instructions:

- 1. Fill the glass almost to the top with water.**
- 2. If you are using sunlight, place the glass so that it is half on and half off the edge of a table, and so that the sun shines directly through the water, onto a sheet of white paper on the floor.**
- 3. Adjust the paper and the glass until a rainbow forms on the paper.**
- 4. If you are using a torch, place the glass of water on the white piece of paper, and move the torch around until you see a rainbow on the piece of paper.**

Science (How this happens):

Light is made up of many colours, and when it passes through water, it is broken up into the other colours seen in a rainbow.