



Alice's Adventures in Wonderland



ALICE INVESTIGATES LIGHT

You'll need

Glass or plastic containers

Water

Card

Pens



Instructions

Fill the glass to almost the top with water.

Draw arrows on one piece of card or paper. Place the paper behind the glass and watch as the arrow points the other way.

Extension idea - try with different liquids such as vegetable oil.

What's happening?

Refraction (bending of light) happens when light travels between two mediums. Light travels from the arrow through the air, through the glass, the water, the glass again and air again before reaching your eyes, which is why the image looks flipped!

