



Little Scientists



The Sense of Sight

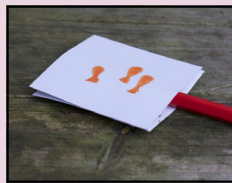
Do you see what I see?

The sense of sight is the ability of the eyes to see objects around you. It is also the ability to perceive colour, brightness and depth. The sense of sight is considered to be one of the most complex of the five human senses.

This super simple optical illusion lets you turn two pictures into one? Did you know your brain uses short cuts in order to process all the millions of things we see at any one time. An optical illusion “tricks” your eyes and brain.

When you spin the pencil your brain sees one image first and then the second image before it finishes processing the first, so you see two images at the same time.

This effect is called Persistence of Vision



Colour the fish and decorate the fishbowl before assembling your *thaumatrope*.

Fold the image in half along centre line and matching edges.

Glue or tape a straw or pencil between the two pictures making sure the images are upright in the same direction.

Hold the pencil between your palms and spin around.

Watch what happens to the images!



Using the circular bird and cage images provide, glue them back to back making sure the bird on one side is upside down to the cage on the other side, matching holes.

Tie a string to each side of circles and spin the string between your fingers pulling a little tightly on the string.

Did you capture the bird!