

Toys KS1, KS2



**Old Toys - Make your own
Thaumatrope**

Thaumatroopes are made of two disks of card stuck together with a picture on each side.



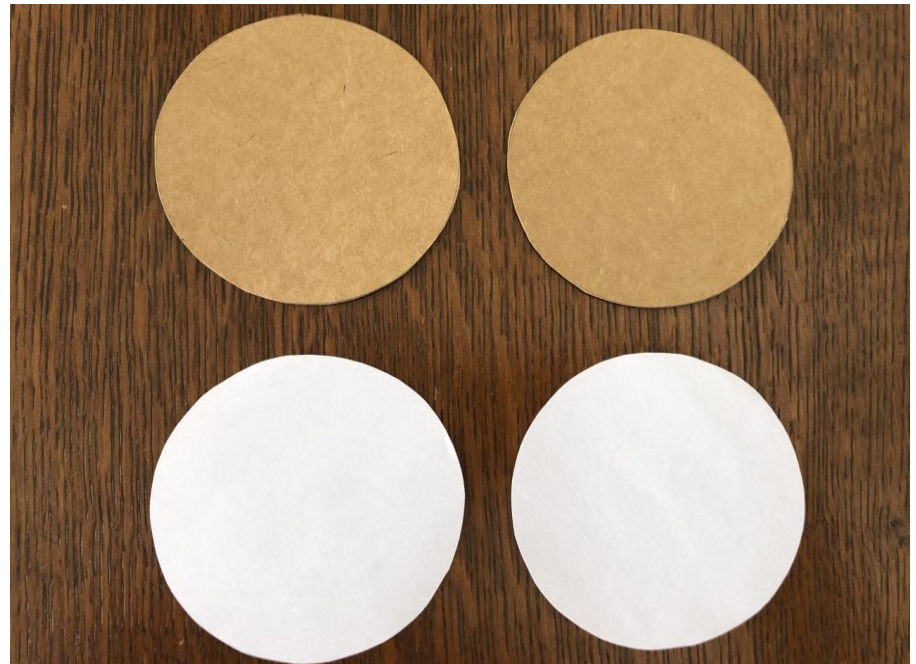
Twirling the stick makes the images appear to combine so you see both at the same time- an optical illusion!

You will need:

- Thin cardboard e.g. cereal packet
- Plain paper
- Scissors
- Sticky tape
- Glue
- Pencil plus colouring pencils or pens
- Something circular to draw around e.g. a cup
- A thin stick, a straw or even a pencil for the middle

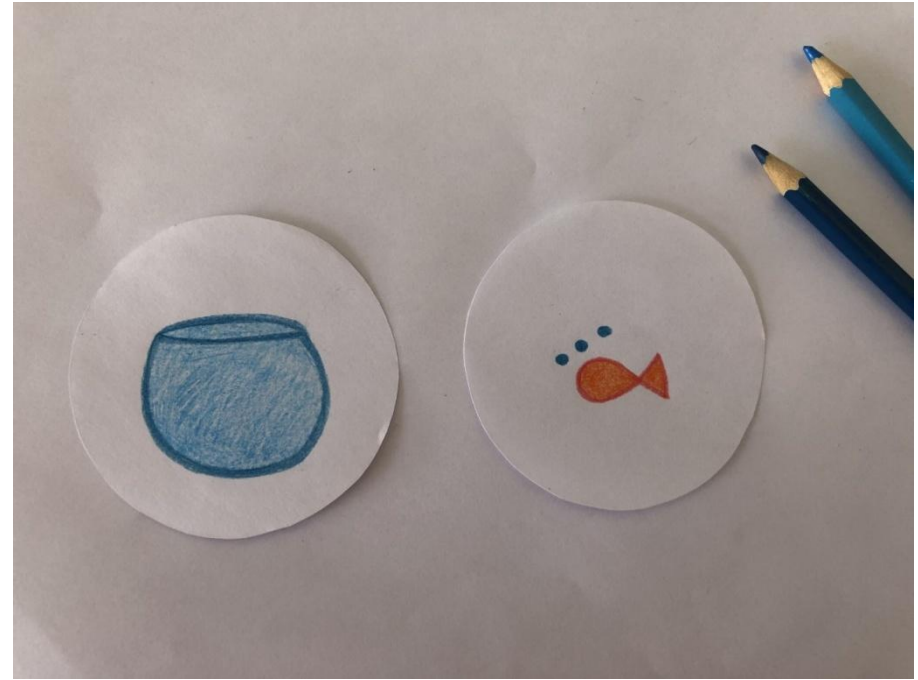


Draw around your circular object e.g. a cup onto thin cardboard and cut out, then repeat. Do the same with the plain paper so you have four circles, two paper and two cardboard.



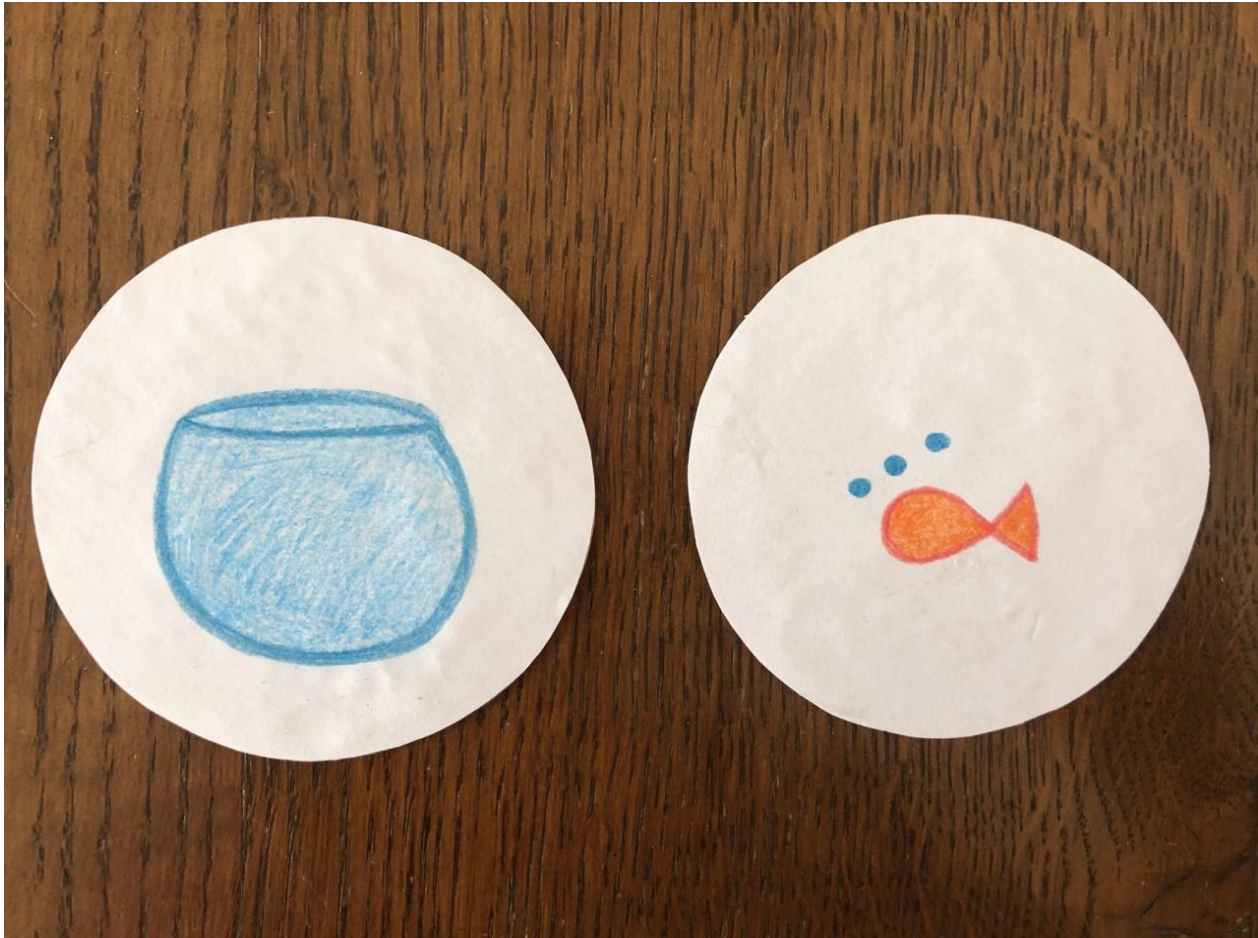
Draw and colour in a picture in the middle of each paper circle.

A popular image in Victorian times was a bird and a cage, or you could try a happy and sad face, a person and a hat, whatever takes your fancy!



Tip: place the first circle under the second circle so you can line up the two images.

Glue each paper circle onto a cardboard circle, taking care so the edges match up. You can trim the edges if you need to.





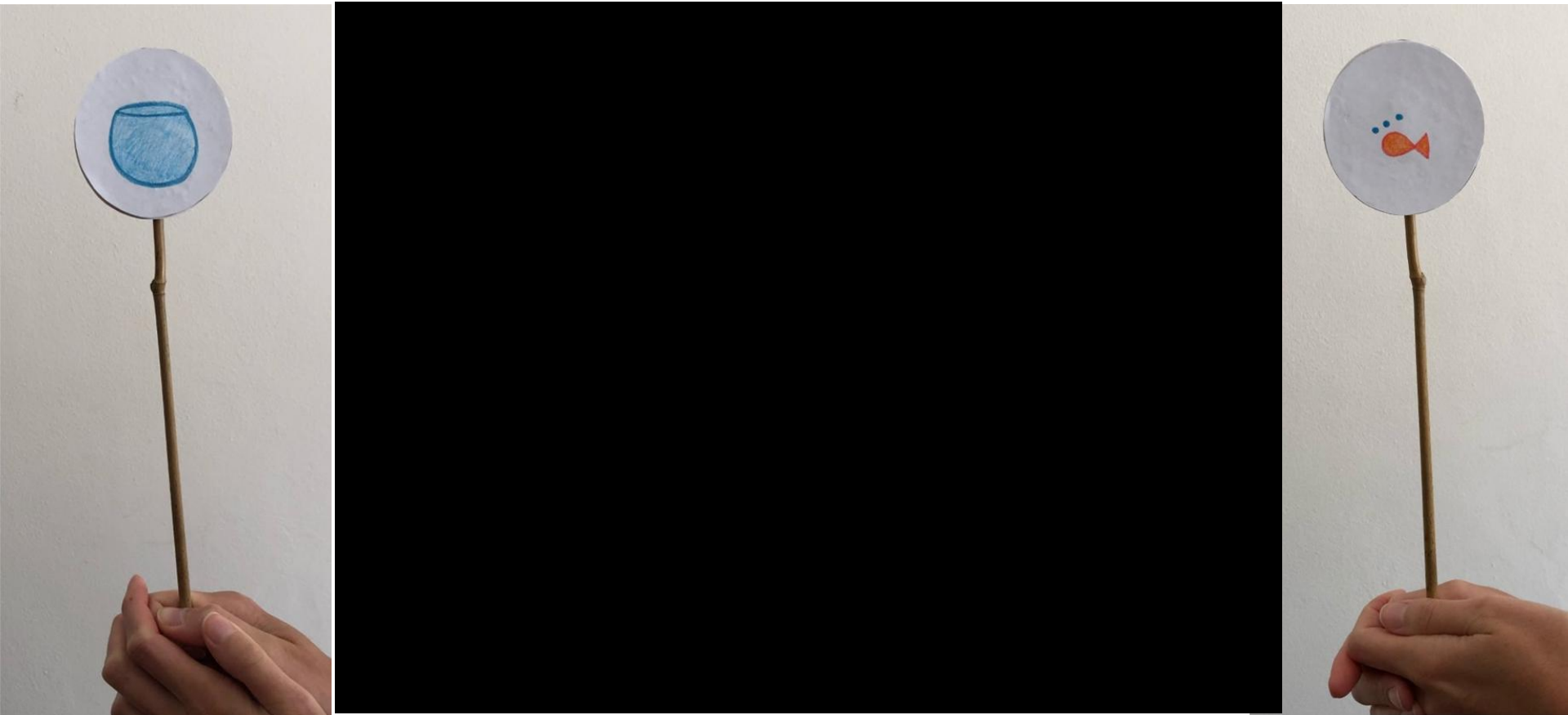
Tape your stick (or pencil, or straw) onto the back of the cardboard circle and secure the other circle on top with double sided tape.

Tip: Make yourself some double-sided tape to stick the circles together by folding the tape into a small loop.



Your thaumatrope is ready to use!

Move the stick quickly between your hands and the pictures will appear to blend into one image.



This is known as an optical illusion- a trick of the eyes.