



Make a Thaumatrope

Thaumatropes were very popular toys during the 1800s. These toys achieve their effect due to the persistence of vision, in the same way as models or drawings in stop motion animation films appear to move.

YOU WILL NEED:

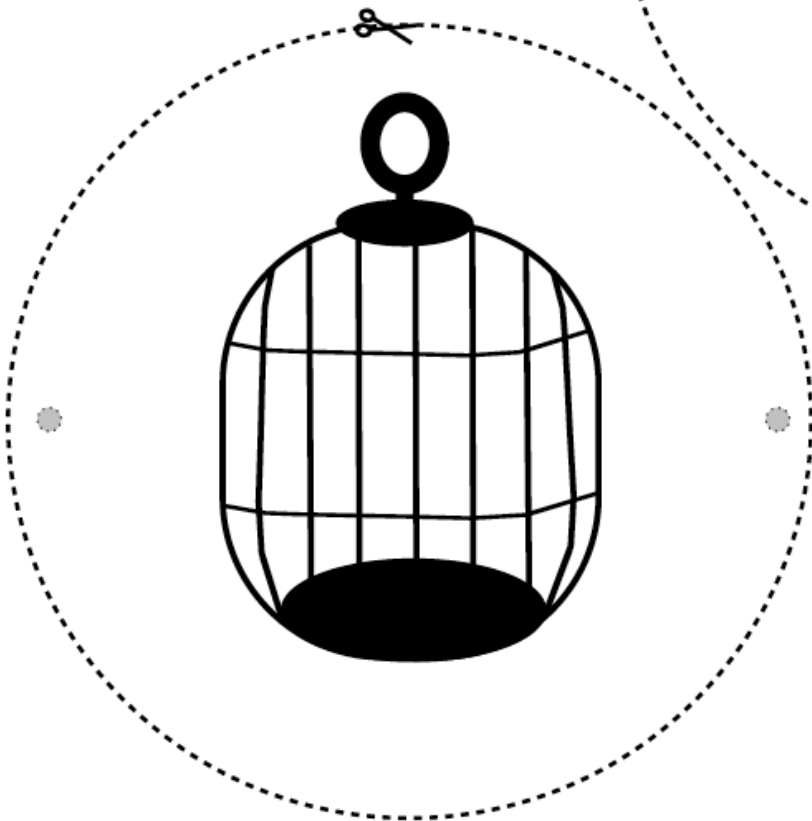
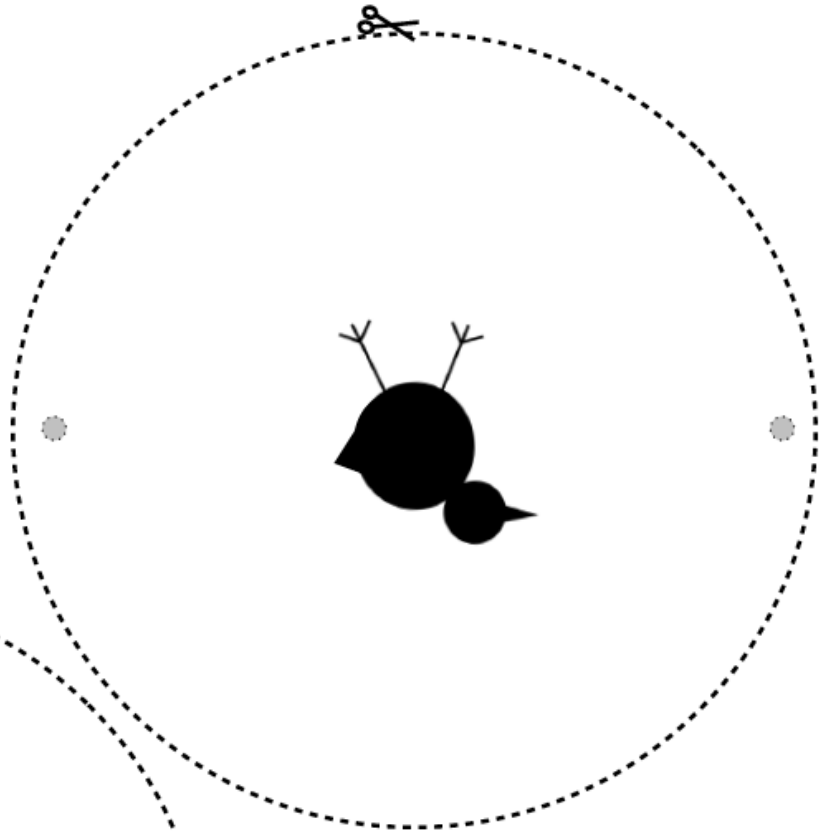
- Scissors
- Glue
- String
- A pencil and sticky tack to make a hole, or a hole punch.

Instructions

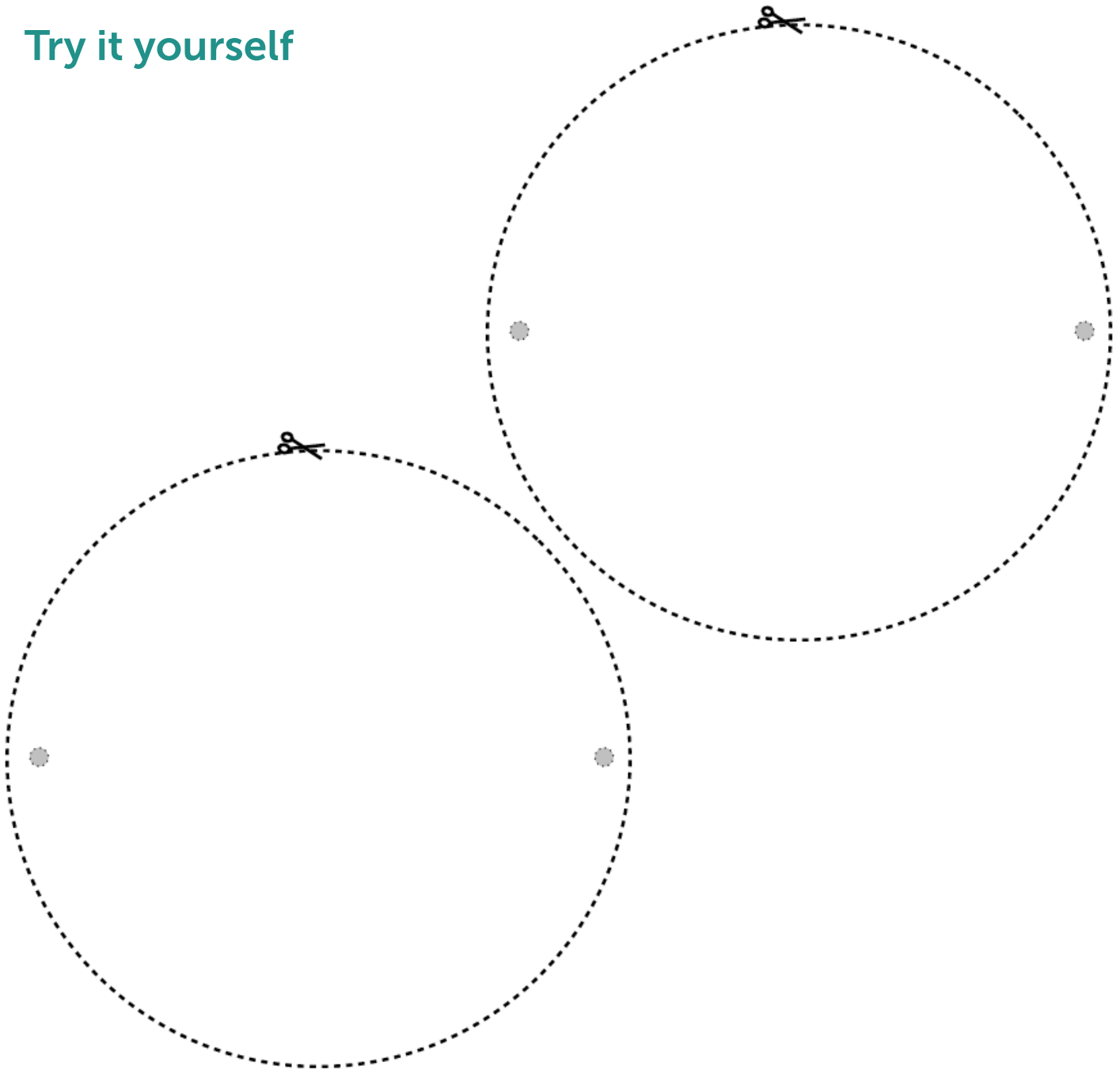
1. First cut out the two circles on page 2, then make a hole in, or hole punch, the shaded circles on the right and left of each image.
2. Stick the two circles of paper together, making sure to keep one image upside down and match the holes on both pieces so that they line up with each other.
3. Attach one piece of string to each of the two holes that you have made.
4. Finally, spin the string quickly in your fingers to see the optical illusion.



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Try it yourself



Top tips:

1. Use two pieces of paper in case the image that you draw bleeds through to both sides of paper.
2. Keep your drawings in roughly the same space on both pieces of paper.
3. It is not necessary to use a circle of card or paper, any shape will work as long as both pieces are exactly the same.
4. Make sure that you stick the paper together so that one of your drawings looks like it is upside down.