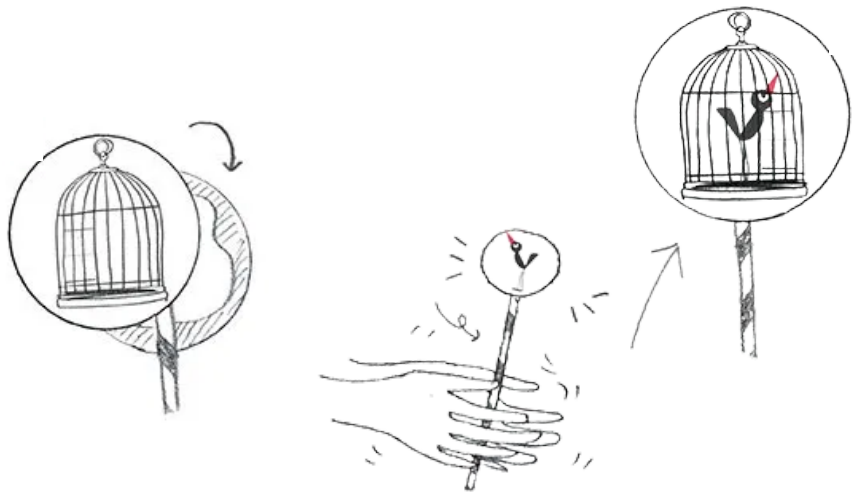


Thaumatrope

What would you do if you had no movies? Make a thaumatrope! A thaumatrope is a toy that was popular 200 years ago. A circle with a picture on each side is attached to two pieces of string or a stick. When the image spins quickly between the fingers or hands, the two pictures appear to blend into one!

Materials:

- Chopstick or thin rod or straw (about 8-12 inches long)
- White paper (stiffer paper type works best)
- Permanent marker
- Clear tape or glue
- A ruler
- A pencil



Instructions:

1. Cut out two circles from your paper, approximately 3-4 inches wide.
2. Draw an image on each circle of paper. Think of how you want them to look individually and blended. For example, you could draw a cage on one circle and a bird on the other or a grass field on one and flowers on the other.
3. Sandwich your stick or rod between the two circles (with the images facing out). Tape the paper to the rod and then tape the paper together OR glue the paper together with the stick in the middle - creating a paper-and-rod lollipop!
4. Hold the rod between both hands and practice slowly turning the rod by rubbing your hands together, so that you see first one image and then the other.
5. When you get the hang of it, increase the speed! How do the images look?