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# make your own phenakistoscope

## what you'll need

- Printable template on A4 paper
- Scissors (Parental supervision may be required)
- Glue stick
- Pencil with eraser
- Push pin (Parental supervision may be required)

## instructions

1. Print out PART A and PART B on 2 different sheets of A4 paper.
2. Cut along the black outline (—) to get 2 circles with slits around their edges. Glue the circles together back to back with the slits in the same position to get 1 individual disk.
3. Insert a push pin into the centre of the disc and wiggle it around to slightly enlarge the hole.
4. Insert the pushpin with the disc into a pencil's eraser, but not too tightly such that there is space for the disc to spin freely.
5. Hold your phenakistoscope between a mirror and yourself: image side facing the mirror, black side facing you.
6. Give your phenakistoscope a spin while looking through the moving slits. The images reflected in a mirror would appear to be an animation!



