

Name:

Date:

Animation: Zoetrope

The zoetrope, or “wheel of life,” is an optical toy which creates the illusion of movement from a series of still drawings or paintings in a band lining a rotating drum. Follow the instructions below to make your own zoetrope.

You would need: **cello tape, a pencil with eraser end, a paper plate or a circular cardboard base, a small thumbtack**

1. Cut out the two strips from the zoetrope template given below. Fold them along the dotted lines. With the help of an adult, using a paper-knife, cut out each of the white rectangles from both strips to create the viewing slits.
2. Tape both the sheets together into one large loop(with the pictures on the inside of the loop), using cello tape. Do NOT let any tape fold over to the inside.
3. Fix the loop in the center of a small paper plate or a circular cardboard base using tapes on the outside. Poke a hole in the center of the plate and using a thumbtack, carefully, fix it to the eraser end of a pencil.
4. Now rub the pencil back and forth between your palms and look through the slits. What do you see?

