

DIY Kaleidoscope

WHAT YOU'LL NEED:

- Cardboard roll
- Mirrored sheet
- Scissors
- Tape
- Ruler
- White cardstock
- Bendy straw
- Markers/stickers/paint



1. Paint the cardboard roll and set it aside to dry.



2. Create three rectangular mirrored sheets, each approximately 3 cm x 9.5 cm



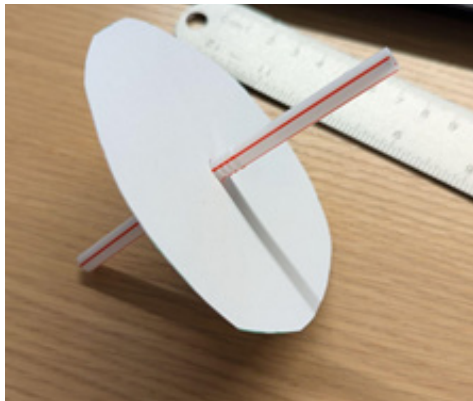
3. Line up the mirrored sheets, shiny side down, leaving a small (1 mm) space between them, then tape them together over the spaces



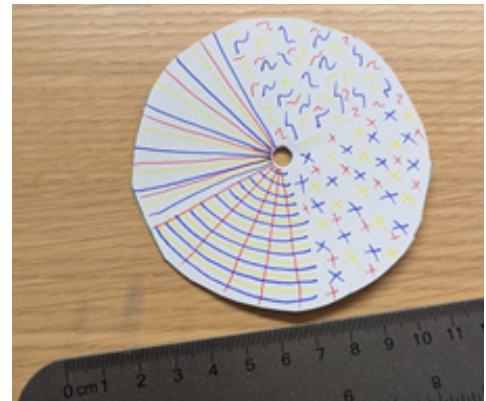
4. Fold the mirrored sheets together into a triangular prism with the mirrored surfaces inside, then tape the open edge closed. Insert the prism into the painted cardboard roll when it's dry.



5. Cut a bendy straw so that you have about the same length on each side of the bendy part (around 4.5 cm on each side of the bendy part).



6. Cut out a circle about 9 cm in diameter using cardstock. Poke a hole large enough for the bendy straw in the center of it (a pencil works well or about half a cm).



7. Decorate the cardstock however you like. We recommend doing four or more different types of shapes or lines, either scattered together in a single pattern or in different sections on the circle.



8. Pierce the cardstock circle with the straw. Place the circle on top of the tube with the straw on the outside. Make sure you can see the patterns when looking through the cardboard roll. It helps to leave a little space between the roll and the cardstock circle to let some light inside the mirrored prism. Tape the straw to the cardboard.

You're done! Spin the cardstock circle and look through the kaleidoscope to see your designs move around and multiply!