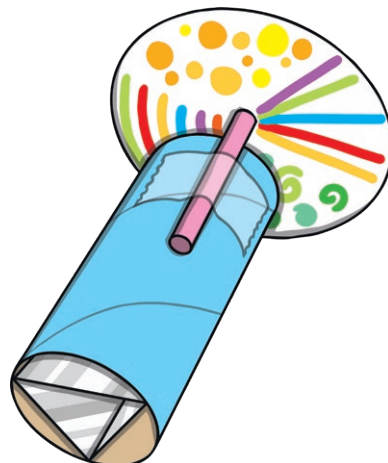# How to Make a Kaleidoscope
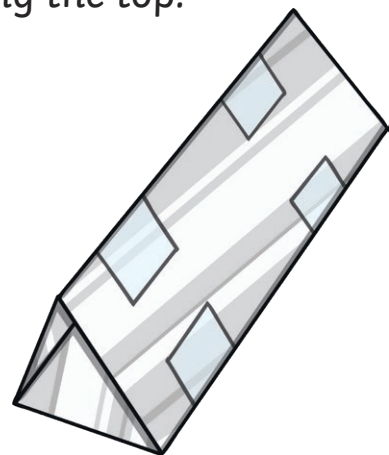
You will need:

A cardboard tube   Mirrored paper
Scissors   White card
Sticky tape   Felt pens
Bendy straw   A ruler
Templates   Stickers (optional)
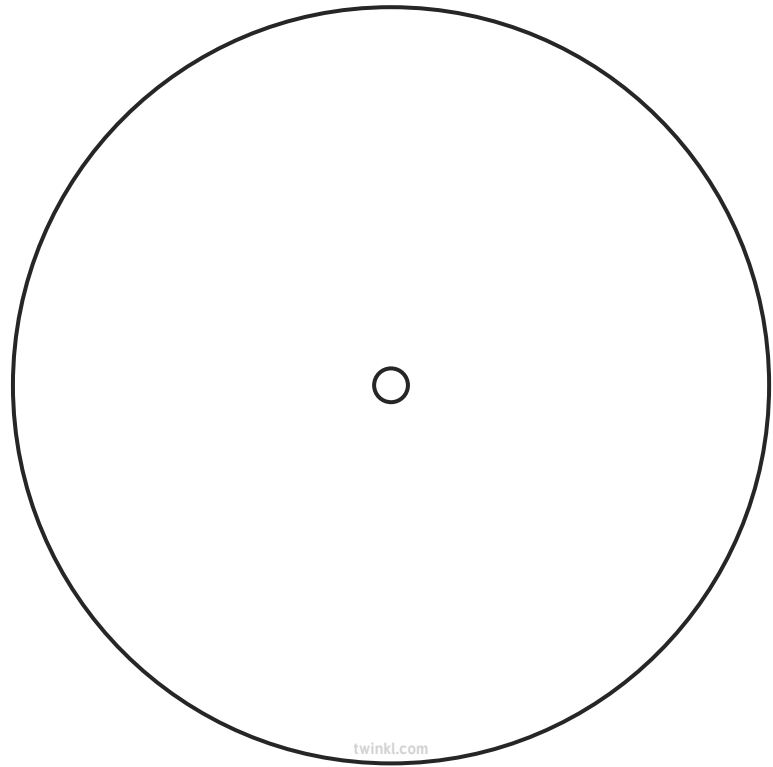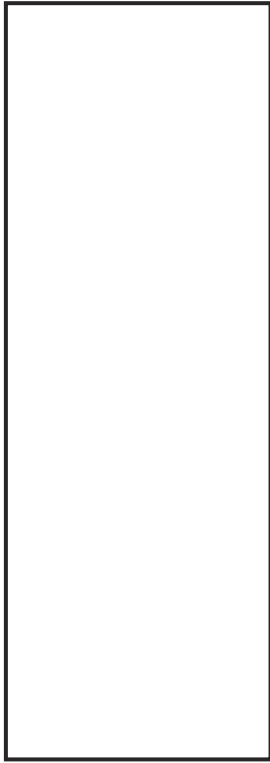A pencil

Instructions

1. Decorate the cardboard tube using felt pens.

2. Using the template, cut your mirrored paper into three equal strips.

3. Stick the strips together with the sticky tape, leaving a small gap between each one.

4. Fold the paper into a triangular prism and tape along the top.

5. Place the prism inside your tube.

6. Cut off the bendy end of your straw (about 8cm).

7. Using tape, stick it on the top of your tube, with the bendy part hanging over the edge.

8. Cut out a circle from card, using the template.

9. Poke a pencil-sized hole in the middle of the circle.

10. Decorate the circle with bright colours and patterns. You could even use stickers.

11. Place the circle on to the bendy end of your straw. It should be able to turn easily.

12. Look into your kaleidoscope and watch what happens when you turn the circle.

How to Make a Kaleidoscope Templates

twinkl.com