

**You will need**

Cardboard tube  
 Ruler, pencil and scissors  
 A4 sheet of reflective silver card  
 A4 sheet of acetate or clear plastic  
 A4 sheet of coloured paper  
 Masking tape  
 Coloured tissue-paper scraps  
 Glitter and sequins  
 Scrap of black card, about  $3\frac{1}{2} \times 3\frac{1}{2}$ in (9 x 9cm)  
 Glue stick  
 Pretty, patterned tape

# Kaleidoscope

*This simple kaleidoscope works best when it is held up to the light. Move the tube around to see the pretty colours, glitter and sequins dance around.*

- 1** Measure across one end of the tube as shown, a few millimetres in from the edge.
- 2** Cut out three pieces of silver card to this width and  $\frac{1}{2}$ in (1cm) shorter than the length of the tube.
- 3** With the silver side on the inside, join the three card pieces into a triangle with masking tape.
- 4** Slide the triangle into the cardboard tube.
- 5** Draw around the base of the cardboard tube onto the acetate. Then draw a second circle, about  $\frac{1}{4}$ in (5mm) wider, around the first. Cut around the outer circle and snip evenly spaced tabs towards the inner circle. Fold the tabs up. Repeat this step to make a second tabbed circle. With the tabs facing out, push one circle about  $\frac{1}{2}$ in (1cm) into one end of the tube.
- 6** Tape torn or cut out tissue-paper shapes onto the inside of the second circle, making sure the tabs are towards you. Pour a sprinkle of glitter and sequins into the circle.
- 7** Seal the circle into the tube by taping the tabs onto the outside using masking tape.
- 8** Draw around the other end of the tube onto the black card. Cut out a tabbed circle as before. Snip a tiny peephole at the centre and then attach the circle onto the outside of the tube using masking tape.
- 9** Glue coloured paper around the tube and then decorate it with stickers, sequins or pretty, patterned tape.