You need  cardboard circles, rectangles, and triangles
rubber bands or string
model spheres, cylinders, and cones

**Activity One**

Make two holes in opposite sides of a cardboard circle. Fasten a piece of string or a broken rubber band through each hole. Hold each end of the pieces of string/rubber band out tightly. Spin the cardboard circle as fast as you can. Be careful not to spin too hard or you will break the strings/rubber band or tear the cardboard.

1. While it is spinning, the cardboard circle looks like a different shape. What is this shape called?

2. List some objects with the same shape as this new shape.

**Activity Two**

Make two holes in either end of a cardboard rectangle. Fasten a piece of string or rubber band through each hole, just as you did for Activity One.

1. Spin the rectangle and write down the shape you can see.

2. List some objects with the same shape as this new shape.

**Activity Three**

Take a cardboard triangle and spin it between two pieces of string or rubber band, just as you did for Activity One and Activity Two.

1. What is the name of the shape you can see as the triangle spins around?

2. List some objects with the same shape as this new shape.