



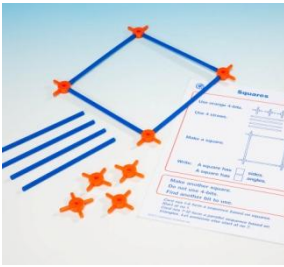
Teaching resource 8

Maths: Teaching perimeter

You will need:

Straws
Joiners to make squares, rectangles, circles and triangles
String and a ruler

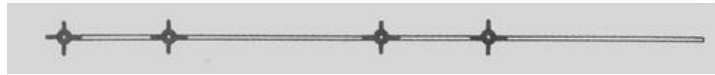
Activity 1



Make a rectangle or square using straws cut to the required length and joining pieces with a right angle.

Measure all the way around it with a piece of string

Take the shape to pieces and join the straws and bits in a straight line as shown below



Discuss whether the line of straws will be longer, shorter or the same as the measurement around the rectangle.
Do the same activity with a triangle and a circle.

Activity 2

Take 8 long straws and measure them. How long is each straw?

Make 4 straws into a square and the other 4 into a circle.

Measure the perimeter of the square and the circle.

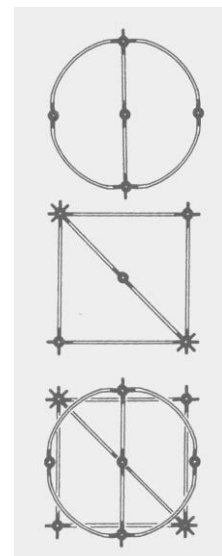
Make a diameter in the circle.

Make a diagonal in the square.

Place the circle over the square.

Is the diameter of the circle longer than the side of the square?

Is the diameter of the circle longer than the diagonal of the square?





Orbit Material for Mathematics

Products which can be used for this topic

0112 Orbit Material for Mathematics (first and infant school)*

0114 Orbit Material for Mathematics (junior and middle school)

* Note 0112 set does not contain the worksheets for perimeter based activities

Or you can order sufficient individual straws and joiners from the Orbit or Minit systems for your individual needs.