

# Year 4 Perimeter of Rectilinear Shapes Guidance

## Activity Outcomes

- Your child will learn how to measure perimeter.
- They will also learn how to construct and measure rectilinear shapes.

## Setting Up

### What you will need

- String or straws (something which can be cut to different lengths)
- Ruler
- Colouring crayons or felt tips
- Squared paper – see below

## Activity Guide

### Activity 1 – Making rectilinear shapes

This activity can be carried out individually or in pairs.

- Cut the string to different lengths.
- Arrange the string to make different rectilinear shapes – these are shapes in which all the angles are 90 degrees (right angles).
- Children then measure the lengths of the rectilinear shapes and calculate the perimeter.

### Activity 2 – What is the perimeter of your name?

- Use a ruler to draw your name on a piece of paper (you could use the squared paper below to help).
- Make sure all the letters are drawn using right angles so that rectilinear shapes are created for each letter.
- Children then measure the perimeter of each letter – they could calculate the perimeter of their whole name by adding the perimeter of each letter together.

### Questions you could ask your child during the activity

- What is the perimeter and how do you calculate it?
- Why are opposite sides important when calculating perimeter?
- How many mm are in a cm?

## Further Support and Ideas

- Position books together to create a rectilinear shape and then measure the perimeter.
- Watch this idea on YouTube here: <https://www.youtube.com/watch?v=vqGBVHWRU7I>
- For tutorials, interactive games and more to support this lesson on converting money visit [kids.classroomsecrets.co.uk](https://www.kids.classroomsecrets.co.uk)

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