

Maths Overview Class 6 (following the Year 4 Maths plan)

Week commencing 4th & 11th May

Topic - Calculating Perimeter and Area

In this 2-week unit, we will calculate the perimeter and area of common shapes

The objectives for this unit are:

- To measure and calculate the perimeter of rectangles in mm, cm and m.
- To measure and calculate the perimeter of composite rectilinear shapes in mm, cm and m.
- To understand that area is a measure of surface and that it is measured in square units.
- To find the area of rectangles.
- To calculate and compare the area of rectangles (including squares), using square cm or m.
- To investigate the relationship between area and perimeter.

Key vocabulary for this unit:

Perimeter: the continuous line forming the border of a closed shape

Rectilinear: a plane figure or shape all of whose sides meet at right angles

Composite: a composite shape is made of two or more geometric shapes.

Rectilinear composite: a rectilinear composite shape is made of two or more rectangles.

Area: the space occupied by a flat shape or the surface of an object

For this unit of work go to-

1. <https://www.thenational.academy>

2. Click on 'on line classroom'

3. Click on year 4 and select maths learning from weeks beginning 20th and 27th April.

There are five lessons each week on area and perimeter.

Each lesson starts with a video (you will need to have the sound on) and a couple of tasks, whether a quiz or an activity to do.

Extension activities

- Calculate the perimeter of a book or boxed game. What is the surface area?
- Find out the perimeter and/or area of shapes in your home or garden – if you have a ruler or measuring tape, you could use that, if not, make up a measuring unit of your own, such as how many finger widths or steps.