

Strands: Measure

Strand units/elements: Area

Learning outcomes: The pupil is enabled to:

- estimate and measure the perimeter of regular and irregular shapes;
- Discover the area of a rectangle is length by breadth.
- Estimate and measure the area of regular and irregular 2D shapes.
- Calculate area using square centimetres and square metres.

Differentiated learning experiences

Some children may need extra work on the concept of length (millimetres, centimetres, metres and kilometres) as well as with perimeter and area

Some children may need extra work on the four operations involving length, perimeter and area.

The children can use worksheet to draw shapes on squared paper and then find the perimeter of them in a real, practical way.

<h1>Content</h1>		
	5 <sup>th</sup>	6 <sup>th</sup>
<b>Monday</b>	What unit of measurement will I use. M or Cm? Constructing a square of area 1m <sup>2</sup> . Measuring Length and Width of different items in the house Tutorial 67 Pg 112 & 113	Measuring Length and Width of different items in the house <a href="https://www.geogebra.org/m/ZgwaBzBN">https://www.geogebra.org/m/ZgwaBzBN</a>  Tutorial 74 Pg 125 Area & Perimeter
<b>Tuesday</b>	Finding the area of a handprint or of their name Interactive digital activities and games Tutorial 68 Pg 113 & 114	Area of irregular shapes Area and Perimeter Rap – Jaime Orlicks Class - Youtube Tutorial 75 Pg 126

<b>Wednesday</b>	Finding the area of regular spaces and shapes Area and Perimeter Rap – Jaime Orlicks Class - Youtube Tutorial 69 Pg 114	Giving the children a series of shapes, both irregular and regular to calculate the area Draw a picture on the following link and calculate the area and perimeter afterwards <a href="https://mathsframe.co.uk/en/resources/resource/77/itp-area">https://mathsframe.co.uk/en/resources/resource/77/itp-area</a>  Tutorial 77 Pg 127
<b>Thursday</b>	Area and perimeter <a href="https://www.geogebra.org/m/ZgwaBzBN">https://www.geogebra.org/m/ZgwaBzBN</a>  Tutorial 70 Pg 115	Interactive digital activities and games on Area and perimeter of both regular and irregular shapes  Pg 128
<b>Friday</b>	Area and perimeter – multiplication method Look again at Area and Perimeter Rap song. See lyrics Tutorial 71 Pg 116	Look again at Area and Perimeter Rap song. See lyrics Address errors during the week Tutorial 76 Pg 130

### Language

Area, space, square units, squared metres, squared centimetres,  $m^2$ ,  $cm^2$ , flat, surface, length, width, regular, irregular, perimeter