

# Perimeter - Year 3





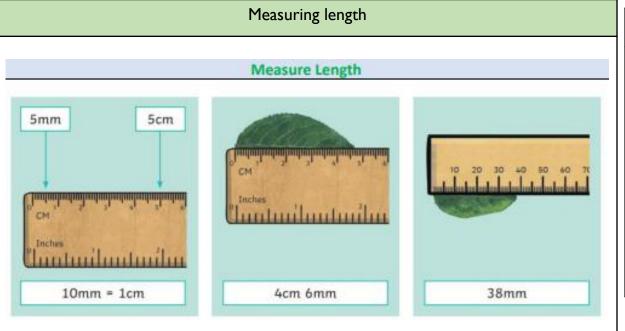
## MATHS KNOWLEDGE ORGANISER

### **ESSENTIAL VOCABULARY** A metric unit of length Metre A metric unit of length Centimetre (c) Millimetre A metric unit of length (mm) Height How high a shape is.

This sequence builds upon knowledge from sequences 3LS4, 3LS13 and 3LS14 - especially the ability to measure (3LS4), knowledge of lines (3LS13) and properties of shape (3LS14).

**LINKS TO PREVIOUS LEARNING** 

## How long a shape is. Length Width How wide a shape is. The total distance around the outside of a **Perimeter** shape. **Parallel** Two lines that will never meet. Perpendicular Two lines that meet at a right angle



### **Key Themes**

- Add and subtract numbers mentally.
- Measure, compare, add and subtract: lengths (m/cm/mm)
- Draw 2-D shapes
- Identify horizontal and vertical lines and pairs of parallel and perpendicular lines.

### **Stem Sentences**

Show me how you know. How many will I need? How do you know? How can we calculate that? Build it. Draw it.

### Perimeter 5cm perimeter = 20cm 2cm 2cm 6cm + 6cm = 12cm 5cm 6cm 3cm + 3cm + 20cm - 12cm = 8cm 5cm + 2cm + 5cm + 3cm + 3cm 8cm + 2cm = 4cm ····· = perimeter 2cm = 14cm 3cm = 15cm

'As a family we live, love, learn and celebrate with Jesus.'