Perimeter – Year 3

MATHS KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY

Metre	A metric unit of length
Centimetre (c)	A metric unit of length
Millimetre (mm)	A metric unit of length
Height	How high a shape is.
Length	How long a shape is.
Width	How wide a shape is.
Perimeter	The total distance around the outside of a shape.
Parallel	Two lines that will never meet.
Perpendicular	Two lines that meet at a right angle

Measuring length

Measure Length

5mm   5cm
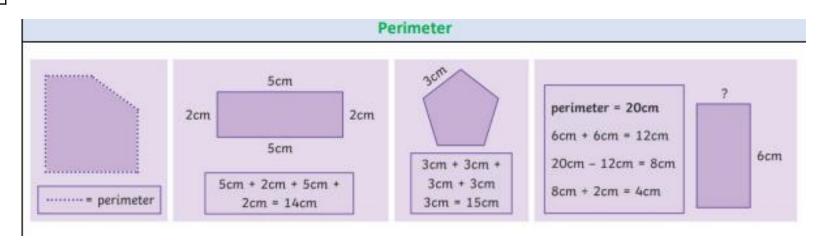
10mm = 1cm   4cm 6mm   38mm

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

········ = perimeter

5cm, 2cm, 5cm, 2cm
5cm + 2cm + 5cm + 2cm = 14cm

3cm
3cm + 3cm + 3cm + 3cm + 3cm = 15cm

perimeter = 20cm
6cm + 6cm = 12cm
20cm – 12cm = 8cm
8cm + 2cm = 4cm
? 6cm

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