



Knowledge Organiser

Geometry



Year 2

Properties of Shape

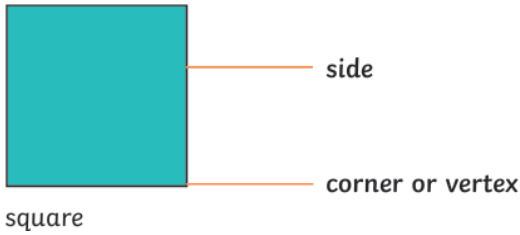
In Year 2, it is important that we use the correct mathematical language to describe shapes. A two-dimensional (2D) object only has 2 dimensions: a length and a width. A three-dimensional object (3D) will have 3 dimensions: a length, a width and a height.

Builds from Year 1:
Identify, compare and sort 2D and 3D shapes.

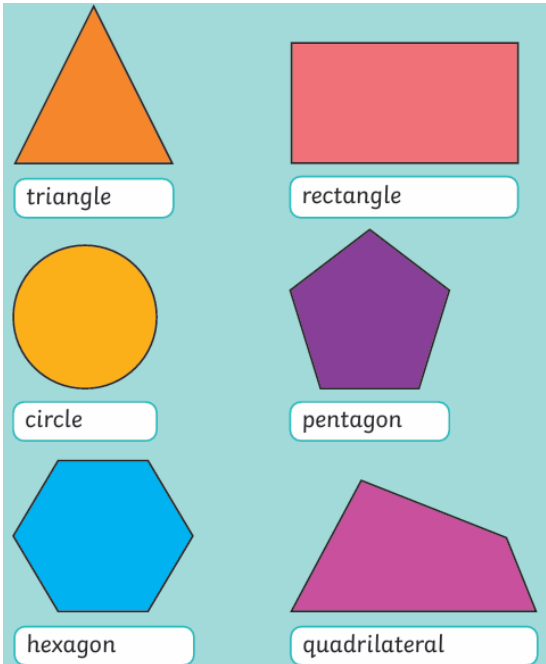
This year:
Identify and describe the properties of 2D and 3D shapes.
Identify 2D shapes on the surface of 3D shapes.
Compare and sort common 2D and 3D shapes.

Leads to Year 3:
Identify perpendicular and parallel lines.
Compare angles.
Draw 2D shapes.

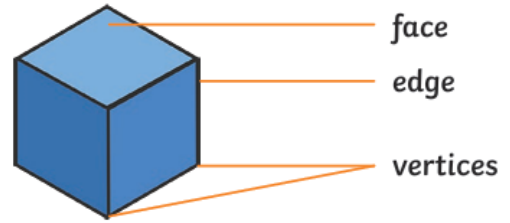
Recognise and Describe 2D Shapes



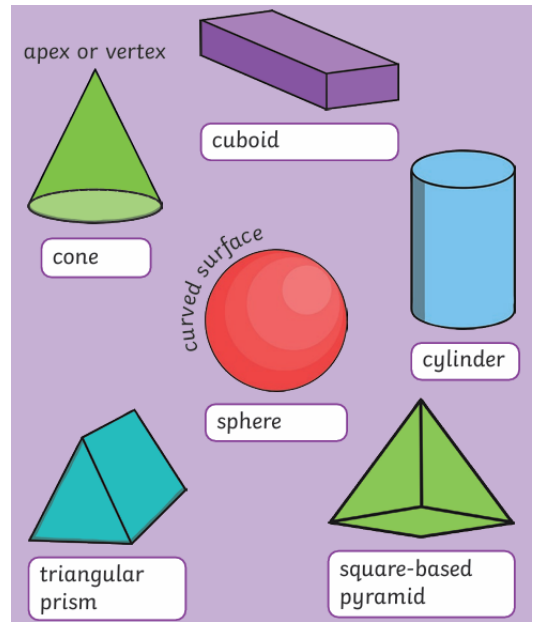
square



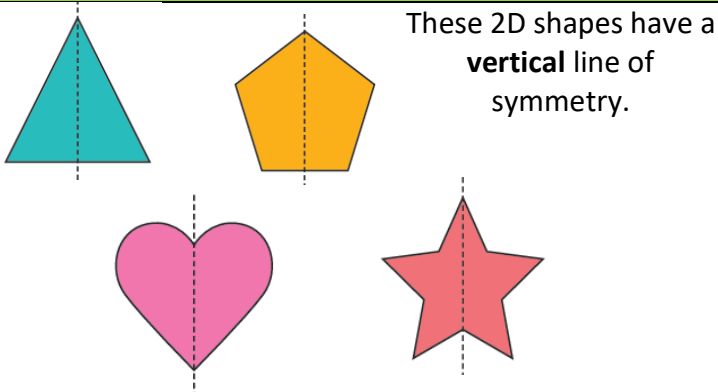
Recognise and Describe 3D Shapes



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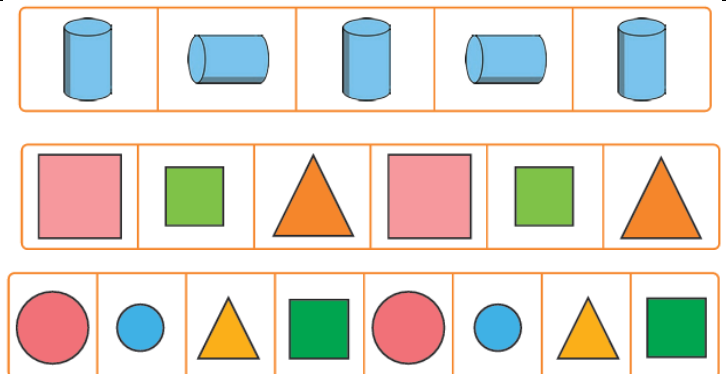


Lines of Symmetry



These 2D shapes have a **vertical** line of symmetry.

Repeating Patterns



Key Vocabulary

two-dimensional (2D) three-dimensional (3D) flat solid corner apex vertex vertices side edge face curved straight line of symmetry vertical horizontal