

2 Dimensional Shapes: Knowledge Organiser

Key Vocabulary

two-dimensional	Flat. Shapes that have height and width but no depth
Vertex vertices corner	The points on the shape
line of symmetry	See diagram A line that cuts a line directly in half
vertical	A line that runs from top to bottom
curved	. A flowing line with no sharp turns
straight	A line that is not curved
sides	The line that joins to vertices (corner) in a shape
flat	A 2D shape that has no depth

Key Information

1	2 Dimensional shapes are flat. They have height and width but no depth
2	Symmetry is when a line can cut through a shape directly
3	A side of the shape joins 2 vertices
4	Vertices are the corners/points on the shape

Prior Knowledge

FS	Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'.
Y1	To recognise and sort 2D shapes. To name 2D shapes

Worked Examples



side

corner or
vertex

Worked Examples



circle

1 side
0 corners



triangle

3 sides
3 corners



square

4 sides
4 corners



rectangle

4 sides
4 corners



quadrilateral

4 sides
4 corners

pentagon

5 sides
5 corners

hexagon

6 sides
6 corners

octagon

8 sides
8 corners

Lines of symmetry

