

Class 3 (Y2)

Shape

Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources for Class Area	Practical Resources centrally stored
2-D Shapes (plane shapes)	<p>Identify and describe the properties of 2-D shapes, including:</p> <ul style="list-style-type: none"> How many sides? Vertical line of symmetry? <p>sorting and comparing</p> <p>Carroll Diagram Venn Diagram</p> <p>irregular polygons</p>	<p>square circle triangle rectangle square sides round pentagon hexagon octagon regular irregular vertex/vertices</p> <p>Carroll Diagram Venn Diagram</p>	Drawing shapes using ruler	<p>plane shapes shape stencils shape stamps/ink pads</p> <p>hoops/sorting trays</p>	
3-D Shapes (solids)	<p>Identify and describe the properties of 3-D shapes, including:</p> <ul style="list-style-type: none"> number of edges number of vertices number of faces <p>Nets of 3D shapes, shape of faces</p> <p>sorting and comparing</p>	<p>cube cone cylinder sphere cuboid faces edges triangular prism triangular-based pyramid square-based pyramid nets</p>		<p>solid shapes</p> <p>hoops</p> <p>nets of cube, cuboid & triangular prism</p>	
Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources	Practical

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Shape

				for Class Area	Resources centrally stored
<i>Angles</i>	quarter turns right angles	turn full turn half turn quarter turn three-quarter turn right angle clockwise anti-clockwise		clock circle, divided into quarters with pointer 'right angle checker' (circle folded into quarters)	
<i>Position</i>	Use mathematical vocabulary to describe position, direction and movement	Reinforce vocabulary from Y1		programmable robot	
<i>Pattern</i>	Order and arrange combinations of mathematical objects in patterns/ repeating patterns tessellation of regular polygons	pattern tessellation			
<i>Symmetry</i>	symmetry	symmetry reflection mirror		symmetry pictures mirrors	