

Class 4 (Y3)

Shape

Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources for Class Area	Practical Resources centrally stored
2-D Shapes (plane shapes)	quadrilateral polygon horizontal vertical perpendicular parallel	quadrilateral polygon regular irregular vertex/vertices right-angled triangle horizontal vertical perpendicular parallel Carroll Diagram Venn Diagram	Further develop drawing shapes using ruler Draw and measure straight lines in cm	plane shapes shape stencils shape stamps/ink pads hoops/sorting trays	

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3-D Shapes (solids)	<p>Nets of 3D shapes, shape of faces</p> <p>sorting</p>	<p>cube</p> <p>cone</p> <p>cylinder</p> <p>sphere</p> <p>cuboid</p> <p>faces</p> <p>triangular prism</p> <p>triangular-based pyramid</p> <p>(tetrahedron)</p> <p>square-based pyramid</p> <p>nets</p>	<p>assembly of given nets</p> <p>make 3-D shapes using modelling materials</p>	<p>solid shapes</p> <p>hoops</p> <p>variety of nets of cube, cuboid & triangular prism</p>	
Angles	<p>right angle is 90°</p> <p>acute</p> <p>obtuse</p>	<p>turn</p> <p>full turn</p> <p>half turn</p> <p>quarter turn</p> <p>right angle</p> <p>clockwise</p> <p>anti-clockwise</p> <p>90°</p> <p>degrees</p> <p>acute</p> <p>obtuse</p>	<p>Use of set square for identifying right angles</p>	<p>clock</p> <p>circle, divided into quarters with pointer</p> <p>‘right angle checker’ (circle folded into quarters)</p> <p>set squares - 45°</p>	

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Aspect	Key Concepts	Key Vocabulary	Skills	Practical Resources for Class Area	Practical Resources centrally stored
<i>Pattern</i>	repeating patterns tessellation of regular polygons	pattern tessellation	Use of isometric paper for creating tessellating patterns		
<i>Symmetry</i>	symmetry	symmetry reflection mirror		symmetry pictures mirrors tracing paper	