

TO UNDERSTAND PROPERTIES OF SHAPE

	Milestone 1	Milestone 2	Milestone 3
Properties of shapes	<ul style="list-style-type: none"> • Recognise and name common 2D (Y1) • Recognise and name common 3D shapes (Y1) • Describe the properties of 2D shapes, including the number of sides and symmetry in a vertical line (Y2) • Describe the properties of 3D shapes, including the number of edges, vertices and faces (Y2) • Compare and sort common 2D and 3D shapes and everyday objects 	<ul style="list-style-type: none"> • Draw 2-D shapes and make 3-D shapes using modelling materials • Recognise 3-D shapes in different orientations and describe them • Recognise angles as a property of shape • Identify horizontal and vertical lines and pairs of perpendicular and parallel lines • Compare and classify shapes, including quadrilaterals and triangles (Y4) • Identify acute and obtuse angles and compare and order angles • Identify lines of symmetry in 2-D shapes presented in different orientations • Complete a simple symmetric figure with respect to a specific line of symmetry 	<ul style="list-style-type: none"> • Identify 3-D shapes, including cubes and other cuboids, from 2-D representations • Know angles are measured in degrees • Estimate and compare acute, obtuse and reflex angles • Draw and measure angles in degrees (Y5) • Identify angles at a point and one whole turn (Y5) • Identify angles at a point on a straight line and a turn (Y5) • Use the properties of rectangles to deduce related facts and find missing lengths and angles • Distinguish between regular and irregular polygons (Y5) • Draw 2-D shapes using given dimensions and angles • Recognise, describe and build simple 3-D shapes, including making nets • Find unknown angles in any triangles, quadrilaterals, and regular polygons (Y6) • Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius (Y6) • Recognise vertically opposite and find missing angles (Y6)