Eton Wick C of E First School





	IDENTIFYING SHAPES AND THIER PROPERTIES						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
recognise, create and	recognise and name	identify and describe		identify lines of	identify 3-D shapes,	recognise, describe and	
describe patterns. They	common 2-D and 3-D	the properties of 2-D		symmetry in 2-D shapes	including cubes and	build simple 3-D shapes,	
explore characteristics	shapes, including:	shapes, including the		presented in different	other cuboids, from 2-D	including making nets	
of everyday objects and	* 2-D shapes [e.g.	number of sides and		orientations	representations	(appears also in	
shapes and use	rectangles	line symmetry in a				Drawing and	
mathematical language	(including squares),	vertical line				Constructing)	
to describe them.	circles and						
	triangles]	identify and describe				illustrate and name	
	* 3-D shapes [e.g.	the properties of 3-D				parts of circles,	
	cuboids (including	shapes, including the				including radius,	
	cubes), pyramids	number of edges,				diameter and	
	and spheres].	vertices and faces				circumference and	
						know that the diameter	
		identify 2-D shapes on				is twice the radius	
		the surface of 3-D					
		shapes, [for example, a					
		circle on a cylinder and					
		a triangle on a					
		pyramid]					

DRAWING AND CONSTRUCTING							
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
		draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	complete a simple symmetric figure with respect to a specific line of symmetry	draw given angles, and measure them in degrees (°)	draw 2-D shapes using given dimensions and angles recognise, describe and build simple 3-D shapes, including making nets (appears also in Identifying Shapes and Their Properties)		

COMPARING AND CLASSIFYING						
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
	compare and sort common 2-D and 3-D shapes and everyday objects		compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes	use the properties of rectangles to deduce related facts and find missing lengths and angles	compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons	
				distinguish between regular and irregular polygons based on reasoning about equal sides and angles		
		ANG	GLES			
		recognise angles as a property of shape or a description of a turn identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	identify acute and obtuse angles and compare and order angles up to two right angles by size	know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles identify: * angles at a point and one whole turn (total 360°) * angles at a point on a straight line and ½ a turn (total 180°) * other multiples of 90°	recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles	
		identify horizontal and vertical lines and pairs of perpendicular and parallel lines				

	POSITION, DIRECTION AND MOVEMENT				
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
describe position,	use mathematical		describe positions on a	identify, describe and	describe positions on the
direction and movement,	vocabulary to describe		2-D grid as coordinates in	represent the position of a	full coordinate grid (all
including half, quarter and	position, direction and		the first quadrant	shape following a	four quadrants)
three-quarter turns.	movement including			reflection or translation,	
	movement in a straight		describe movements	using the appropriate	draw and translate simple
	line and distinguishing		between positions as	language, and know that	shapes on the coordinate
	between rotation as a		translations of a given unit	the shape has not	plane, and reflect them in
	turn and in terms of right		to the left/right and	changed	the axes.
	angles for quarter, half		up/down		
	and three-quarter turns				
	(clockwise and				
	anti-clockwise)		plat specified paints and		
			plot specified points and draw sides to complete a		
			given polygon		
		ΡΔΤ	TERN		
	order and arrange	TAI			
	combinations of				
	mathematical objects in				
	patterns and sequences				