

Maths	Key Stage 1		Lower Key Stage 2		Upper Key Stage 2	
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Geometry						
2D shapes	recognise and name	number of sides	draw with a ruler	compare and classify	draw using given dimensions and angles, use protractor mark right angles	find angles, identify radius, diameter and circumference
	square, rectangle, circle, triangle	some quadrilaterals, polygons	semi-circle, right-angle triangle	all triangles, parallelograms, rhombus, trapezium	kite, arrowhead, pentagon, hexagon, octagon	heptagon, decagon
3D shapes	recognise and name	edges, vertices, faces	describe accurately, make models	square-based and triangular-based pyramids	tetrahedrons	all 3d shapes
	cube, cuboid, pyramid, sphere	cylinder, cone, prisms	hemisphere		identify and show position after rotation	
Rotation	$\frac{1}{2}$ , $\frac{1}{4}$ and three-quarter turns	rotation, straight lines				
Patterns	order and arrange	order and arrange				
Angles			recognise right angles, acute, obtuse	compare angles	reflex, angles around a point, estimate and measure	find unknown angles
Line and reflection			identify horizontal, vertical, perpendicular, parallel	recognise lines of symmetry	reflect simple shapes on coordinate planes (vertical and horizontal)	reflect simple shapes on a 45 degree
Coordinates				first quadrant, plot points	second quadrant	all four quadrants
Translation				left/right or up/down	identify and show position after translation	
Data						
Pictograms, tally charts, tables		compare, categorise	read and draw	calculate sum and difference	complete, including timetables	
Bar charts, line graphs				interpret and draw	calculate sum and difference	
					Pie charts	read and draw
Mean, median, mode, range						calculate and interpret