Stanley Grove Primary Academy
Skills Map for Maths
Geometry – Position and Direction

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

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CORE VOCABULARY					
Over, under, underneath, above, below, top, bottom, on, in, outside, inside, around, in front, behind, front, back, before, after, beside, next to, opposite, apart, left, right, up, down, forwards, backwards, along, through, slide, roll, turn, whole turn, half turn	Rotation, clockwise, anti-clockwise, straight-line, ninety-degree turn, right angle	Greater/less than, ninety degrees, orientation, same orientation, different orientation	Co-ordinates, triangles, right angle, acute and obtuse angles, translation, quadrant, X axis, Y axis, perimeter, area	Reflex angles, dimensions	Four quadrants, vertically opposite angles, circumference, radius, diameter