

Geometry – Position, Direction and Movement progression of skills

POSITION, DIRECTION AND MOVEMENT						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Understands position through words alone – for example, ‘the bag is under the table’ without pointing. Describe a familiar route. Discuss routes and locations, using words like ‘in front of’ and ‘behind’. Select, rotate and manipulate shapes in order to develop spatial skills.	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) draw and translate simple shapes on the coordinate plane, and reflect them in the axes.
				describe movements between positions as translations of a given unit to the left/right and up/down		
				plot specified points and draw sides to complete a given polygon		
PATTERN						
Talk about and identify the patterns around them. For example: stripes on clothes, designs on rugs.		order and arrange combinations of mathematical objects in patterns and sequences				

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Use informal language such as 'pointy', 'spotty' etc. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern.						
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