



Geometry: Position and Direction



POSITION, DIRECTION AND MOVEMENT						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>Understand position through word alone</p> <p>Describe a familiar route</p> <p>Discuss routes and location using words such as in front and behind</p> <p>Select, rotate and manipulate shapes to develop spatial reasoning skills.</p>	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						
Talk about and		order and arrange combinations of				



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<p>identify patterns around them</p> <p>Extend and create ABAB patterns.</p> <p>Notice and correct an error in a repeating pattern</p> <p>Begin to describe a sequence of events.</p> <p>Continue, copy and create repeating patterns.</p>		mathematical objects in patterns and sequences				
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