

Geometry: Position and Direction

POSITION, DIRECTION AND MOVEMENT									
EYFS			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
FS1	FS2	ELG							
Understand position through words alone – for example, “The Bag is under the table,” – with no pointing	Draw information from a simple map		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 a familiar route						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
Discuss routes and locations, using words like ‘in front of’ And ‘behind’						Plot specified points and draw sides to complete a given polygon			

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PATTERN								
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FS1	FS2	ELG						
Talk about and identify the patterns around them. For Example, stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs', etc	Continue, copy and create repeating patterns.			Order and arrange combinations of mathematical objects in patterns and sequences				
Extend and create ABAB patterns – stick, leaf, stick, leaf								
Notice and correct an error in a repeating pattern								