



Geometry: Position and Direction

POSITION, DIRECTION AND MOVEMENT

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>understand position through words alone – for example, “The bag is under the table,” – with no pointing.</p> <p>describe a familiar route</p> <p>discuss routes and locations, using words like ‘in front of’ and ‘behind’.</p>	<p>use everyday language to talk about position of objects</p>	<p>describe position, direction and movement, including half, quarter and three-quarter turns.</p>	<p>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)</p>		<p>describe positions on a 2-D grid as coordinates in the first quadrant</p>	<p>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</p>	<p>describe positions on the full coordinate grid (all four quadrants)</p>
	<p>select, rotate, and manipulate shapes in order to develop spatial reasoning skills.</p>				<p>describe movements between positions as translations of a given unit to the left/right and up/down</p>		
	<p>draw information from a simple map</p>						

PATTERN

Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>talk about and identify patterns around them using informal language</p> <p>extend and create ABAB patterns</p>	<p>continue, copy and create repeating patterns</p>		<p>order and arrange combinations of mathematical objects in patterns and sequences</p>				

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notice and correct errors in repeating patterns							
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