

## Maths - Geometry (position and direction)

Year	Key Concepts (Statutory Requirements)
Year 1	<ul style="list-style-type: none"><li>describe position, direction and movement, including whole, half, quarter and three-quarter turns.</li></ul>
Year 2	<ul style="list-style-type: none"><li>order and arrange combinations of mathematical objects in patterns and sequences</li><li>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).</li></ul>
Year 3	
Year 4	<ul style="list-style-type: none"><li>describe positions on a 2-D grid as coordinates in the first quadrant</li><li>describe movements between positions as translations of a given unit to the left/right and up/down</li><li>plot specified points and draw sides to complete a given polygon</li></ul>
Year 5	<ul style="list-style-type: none"><li>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</li></ul>

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Year 6

- 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