



**Progression in Geometry: Position and Direction**

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| **POSITION, DIRECTION AND MOVEMENT** | | | | | |
| **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| describe position, direction and movement, including half, quarter, three-quarter and whole 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) | 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. |
|  |  | (Consolidation from Year 2) |  |  |  |
|  |  |  | plot specified points and draw sides to complete a given polygon |  |  |
| **PATTERN** | | | | | |
|  | order and arrange combinations of mathematical objects in patterns and sequences |  |  |  |  |