



# Geometry: Position and Direction

## POSITION, DIRECTION AND MOVEMENT

| Year 1  | Year 2   | Year 3  | Year 4   | Year 5   | Year 6  |
|---|--|---|--|--|---|
| 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 | describe movements between positions as translations of a given unit to the left/right and up/down | 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<br><br>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. |
|   |  |   | plot specified points and draw sides to complete a given polygon                                   |  |   |
| PATTERN   |  |   |  |  |   |
|   | order and arrange combinations of mathematical objects in patterns and sequences   |   |  |  |   |