

| POSITION, DIRECTION AND MOVEMENT | | | | | | | |
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| Foundation Stage 1 | Foundation Stage 2 | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| Uses positional language | Describe relative positions such as 'behind' or 'next to'. | 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 Plot specified points and draw sides to complete a given polygon | 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) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. |
| PATTERN | | | | | | | |
| Show an interest in shape and space by playing with shapes or making arrangements with objects | Use familiar objects and common shapes to create and recreate patterns | Recognise and create repeating patterns with objects and shapes | Order and arrange combinations of mathematical objects in patterns and sequences | | | | |