

# Meldreth Primary Progression in 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                              | 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. |
|   |  |        | plot specified points and draw sides to complete a given polygon                                   |   |   |
| PATTERN   |  |        |  |   |   |
|   | order and arrange combinations of mathematical objects in patterns and sequences   |        |  |   |   |