

## Progression: Geometry – Position, Direction and Movement

| 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 |                                                                                  |        |        |        |        |
|---------|----------------------------------------------------------------------------------|--------|--------|--------|--------|
| Year 1  | Year 2                                                                           | Year 3 | Year 4 | Year 5 | Year 6 |
|         | order and arrange combinations of mathematical objects in patterns and sequences |        |        |        |        |