

TO DESCRIBE POSITION, DIRECTION AND MOVEMENT

	Milestone 1	Milestone 2	Milestone 3
Position, direction and movement	<ul style="list-style-type: none"> Describe position, direction and movement, including whole, half, quarter and three-quarter turns (Y1) 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 (Y2) Order and arrange combinations of mathematical objects in patterns and sequences Use mathematical vocabulary to describe position, direction and movement and movement 	<ul style="list-style-type: none"> Recognise angles as a property of shape and as an amount of rotation Identify right angles, recognise that 2 right angles make a half turn and 4 make a whole turn (Y3) Identify angles that are greater than a right angle (Y3) Describe positions on a 2-D grid and plot coordinates in the first quadrant (Y4) Describe translations of a given unit to the left/right and up/down (Y4) Translate within the first quadrant (Y4) Plot specified points and draw sides to complete a given polygon (Y4) 	<ul style="list-style-type: none"> 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.

In bold - National curriculum objectives for the year group.

In blue - Ready-to-progress criteria identified as the most important conceptual knowledge and understanding that pupils need as they progress to the next year's curriculum.