

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) <i>Describe positions on a full coordinate grid using algebra.</i>
			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. <i>Describe the translation of shapes on a coordinate grid and reflect simple shapes in the axes using algebra.</i>
			plot specified points and draw sides to complete a given polygon		
PATTERN					
	order and arrange combinations of mathematical objects in patterns and sequences				

ACKNOWLEDGMENT: <https://www.ncetm.org.uk>

Objective not explicitly covered within MNP – lesson(s) to be added into the scheme

MNP content goes beyond NC for that year group.