

Geometry: Position and Direction

EYFS

Shape and Space

Developing spatial awareness – experiencing different viewpoints
 Developing spatial vocabulary
 Representing spatial relationships

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 Summer 3	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) Spring 3 & Summer 1		describe positions on a 2-D grid as coordinates in the first quadrant Summer 6 describe movements between positions as translations of a given unit to the left/right and up/down Summer 6	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 Summer 3	describe positions on the full coordinate grid (all four quadrants) Autumn 4 draw and translate simple shapes on the coordinate plane, and reflect them in the axes Autumn 4
			plot specified points and draw sides to complete a given polygon Summer 6		
PATTERN					
	order and arrange combinations of mathematical objects in patterns and sequences Spring 3 & Summer 1				