

Progression in Geometry: Position and Direction – EYFS, KS1 & KS2

EYFS Statutory Framework 2021, National Curriculum 2014



	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Children at the expected level of development will:	Pupils should be taught to:	Pupils should be taught to:	Pupils should be taught to:	Pupils should be taught to:	Pupils should be taught to:	Pupils should be taught to:
Position Direction And Movement	Select, rotate and manipulate shapes to develop spatial reasoning skills.	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 Describe movements between positions as translations of a given unit to the left/right and up/down Plot specified points and draw sides to complete a given polygon	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.
Pattern	Continue, copy and create repeating patterns.		Order and arrange combinations of mathematical objects in patterns and sequences				