

Maths Objectives – Position

Key Stage	Objective	Child Speak Target
KS 1 Y1	Describe position, direction and movement, including whole, half, quarter and three-quarter turns.	<i>I can describe my position, direction and movement, including whole turns, half turns, quarter turns and three-quarter turns.</i>
KS 1 Y2	Order and arrange combinations of mathematical objects in patterns and sequences.	<i>I can order combinations of mathematical objects in patterns and sequences.</i>
KS 1 Y2	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).	<i>I can describe my position, direction and movement, including describing turns as quarter, half and three-quarter turns in clockwise and anti-clockwise directions.</i>
KS 2 Y3		
KS 2 Y4	Describe positions on a 2-D grid as coordinates in the first quadrant.	<i>I can find the coordinates of a point on a grid.</i>
KS 2 Y4	Describe movements between positions as translations of a given unit to the left/right and up/down.	<i>I can move (translate) a point on a grid by a given set of jumps either up/down or left/right.</i>
KS 2 Y4	Plot specified points and draw sides to complete a given polygon.	<i>I can plot points using coordinates and join up the points to create a shape.</i>
KS 2 Y5	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.	<i>I can reflect or translate a shape on a grid.</i>
KS 2 Y6	Describe positions on the full coordinate grid (all four quadrants).	<i>I can use the four quadrants in a coordinate grid.</i>
KS 2 Y6	Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.	<i>I can draw and translate shapes using coordinates or reflect a shape on the grid.</i>