



Barford St. Peter's C.E. (V.A.) Primary School



Together we love; together we learn

Maths Knowledge and Skills Progression for: GEOMETRY – POSITION AND DIRECTION

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position, direction and movement	<ul style="list-style-type: none"> It is important that the curriculum includes rich opportunities for children to develop their spatial reasoning skills across all areas of mathematics including shape, space and measures. 	<ul style="list-style-type: none"> describe position, direction and movement, including half, quarter and three-quarter turns. 	<ul style="list-style-type: none"> 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) 		<ul style="list-style-type: none"> 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 	<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 	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> look for patterns and relationships, and spot connections. 		<ul style="list-style-type: none"> order and arrange combinations of mathematical objects in patterns and sequences 				