College Road Primary School and White Rose Maths Progression in Geometry - Position and Direction

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position and Direction	Describe position, direction and movement, including whole, half, quarter and three-quarter turns	Order and arrange combinations of mathematical objects in patterns and sequences 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 anticlockwise)		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
Summer	Block 3 Week 6	Block 4 Week 9 and 10		Block 6 Week 11 and 12	Block 2 Week 4 and 5	Block 2 Week 4

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Small Steps	1. Describe turns 2.Describe position – left and right 3. Describe position – forward and back 4. Describe position above and below 5.Ordinal numbers	1. Language of position 2. Describe movement 3. Describe turns 4. Describe movement and turns 5. Shape patterns with turns		1. Describe position using coordinates 2. Plot coordinates 3. Draw 2D shapes on a grid 4. Translate on a grid 5.Describe translation on a grid	1. Read and plot coordinates 2. Problem solving with coordinates 3. Translation 4. Translation with coordinates 5.Lines of symmetry 6.Reflection in horizontal and vertical lines	1. The first quadrant 2. Read and plot points in four quadrants 3.Solve problems with coordinates 4. Translations 5. Reflections