

Maths Progression Document - East Stour Primary

Geometry 1

Position and direction VOCABULARY						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>across next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn</p> <p>across next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn</p>	<p>position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey left, right up, down forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn, quarter turn,</p>	<p>over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise compass point north, south, east, west, N, S, E, W horizontal, vertical, diagonal movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn angle ... is a greater/smaller angle than right angle acute angle obtuse</p>	<p>over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise compass point north, south, east, west, N, S, E, W north-east, north-west, south-east, south-west, NE, NW, SE, SW horizontal, vertical, diagonal translate, translation</p>	<p>position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise compass point north, south, east, west, N, S, E, W north-east, north-west, south-east, south-west, NE, NW, SE, SW horizontal, vertical, diagonal translate, translation coordinate movement slide roll turn stretch, bend whole turn,</p>	<p>position over, under, underneath above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge centre corner direction journey, route left, right up, down higher, lower forwards, backwards, sideways across next to, close, near, far along through to, from, towards, away from clockwise, anticlockwise compass point north, south, east, west, N, S, E, W north-east, north-west, south-east, south-west, NE, NW,</p>	

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	<p>three-quarter turn next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn</p>	<p>line</p>	<p>angle straight line</p>		<p>half turn, quarter turn, three-quarter turn rotate,</p>	<p>SE, SW horizontal, vertical, diagonal translate, translation coordinate movement slide roll turn stretch, bend whole turn, half turn, quarter turn, three-quarter turn rotate, rotation angle, is a greater/smaller angle than degree right angle acute angle obtuse angle reflex angle reflection straight line ruler, set square angle measurer, compass, protractor</p>
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POSITION, DIRECTION AND MOVEMENT						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Can describe their relative position such as	describe position, direction and movement,	use mathematical vocabulary to describe position,		describe positions on a 2-D grid as coordinates in the first quadrant	identify, describe and represent the position of a shape following a	describe positions on the full coordinate grid (all four quadrants)

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<p>'behind' or 'next to'.</p> <p>Children use everyday language to talk about position, to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them.</p>	<p>including half, quarter and three-quarter turns.</p>	<p>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)</p>		<p>describe movements between positions as translations of a given unit to the left/right and up/down</p>	<p>reflection or translation, using the appropriate language, and know that the shape has not changed</p>	<p>draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>
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				plot specified points and draw sides to complete a given polygon		
PATTERN						
Uses familiar objects and common shapes to create and recreate patterns and build models.		order and arrange combinations of mathematical objects in patterns and sequences				