

# Maths - Geometry Position & Direction

## The Federation of Nettlestone & Newchurch

Maths - Geometry Position and Direction					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"><li>I can describe position and direction and movements including half, quarter and three-quarter turns</li></ul>	<ul style="list-style-type: none"><li><b>I can see 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).</b></li><li>I can order and arrange combinations of mathematical objects in patterns</li></ul>		<ul style="list-style-type: none"><li><b>I can plot specified points and draw sides to complete a given polygon</b></li><li>I can describe positions on a 2-D grid as coordinates in the first quadrant</li><li>I can describe movements between positions as translations of a given unit to the left/right and up/down</li></ul>	<ul style="list-style-type: none"><li>I can 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</li></ul>	<ul style="list-style-type: none"><li><b>I can draw and translate simple shapes on the coordinate plane, and reflect them in the axis.</b></li><li>I can describe positions on the full coordinate grid (all four quadrants)</li></ul>