

<b>Subject</b>	<b>Maths</b>
<b>Unit/Topic</b>	Year 9 – Rotation and Translation

Key Vocabulary	Definition
<b>Rotation</b>	A circular movement
<b>Symmetry</b>	When two or more parts are identical after a flip, slide or turn
<b>Order of Rotational Symmetry</b>	The number of positions in which a figure can be rotated and still appears exactly as it did before the rotation
<b>Regular shape</b>	A shape with all sides and angles equal
<b>Irregular shape</b>	A shape that has at least one side different to the other sides, or angle different to the other angles
<b>Invariant</b>	A property that does not change after a transformation
<b>Object</b>	The original shape before it is transformed
<b>Image</b>	The result of a transformed shape
<b>Translate</b>	To "slide": to move a shape without rotating or flipping it
<b>Vector</b>	An object that has magnitude (how long it is) and direction
<b>Horizontal</b>	Going side-to-side, like the horizon
<b>Vertical</b>	In an up-down direction or position
<b>Vertex</b>	A point where two or more line segments meet - a corner
<b>Reflect</b>	An image or shape as it would be seen in a mirror