

Curriculum Map	Subject: Mathematics		
Theme / Area Covered	Unit 4 Visualising		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway <b>Emerging</b>	Compares and classifies geometric shapes based on their properties and sizes and finds unknown angles in any triangles, quadrilaterals and regular polygons. Draw 2-D shapes using given dimensions and angles. Draw 2-D shapes using given dimensions and angles. Recognise angles where they meet at a point. Draws and translates simple shapes on the coordinate plane and reflects them in the axes	Reflect a shape in a pre-drawn horizontal/vertical line. Follow simple worded translations.	Draw the horizontal/vertical line, given the equation and reflect the shape correctly. Use a single vector to translate a shape.
Key Objectives / Learning Pathway <b>Developing</b>	Reflect a shape in a pre-drawn horizontal/vertical line. Follow simple worded translations.	Draw the horizontal/vertical line, given the equation and reflect the shape correctly. Use a single vector to translate a shape.	Identify a translation and state the vector followed. Apply multiple vectors and state the resultant vector. Plot a simple diagonal line and reflect the shape in it. Able to find the equation of a horizontal or vertical mirror line. Reflect the shape in any line. Able to find the equation of a horizontal or vertical mirror line.
Key Objectives / Learning Pathway <b>Securing</b>	Draw the horizontal/vertical line, given the equation and reflect the shape correctly. Use a single vector to translate a shape.	Identify a translation and state the vector followed. Apply multiple vectors and state the resultant vector. Plot a simple diagonal line and reflect the shape in it. Able to find the equation of a horizontal or vertical mirror line. Reflect the shape in any line. Able to find the equation of a horizontal or vertical mirror line.	Recognise and describe reflections from a range of transformations. Able to combine reflections. Calculate the resultant vector then apply the translation.
Key Objectives / Learning Pathway <b>Excelling</b>	Identify a translation and state the vector followed. Apply multiple vectors and state the resultant vector. Plot a simple diagonal line and reflect the shape in it. Able to find the equation of a horizontal or vertical mirror line. Reflect the shape in any line. Able to find the equation of a horizontal or vertical mirror line.	Recognise and describe reflections from a range of transformations. Able to combine reflections. Calculate the resultant vector then apply the translation.	Recognise and describe translations and reflections in the line $y=x$ .