



# Longfield Learning Journey



<b>Key Stage 3 Extend</b>	<b>Unit 9 – Year 8</b> <b>Angles in Quadrilaterals and Polygons</b>	<b>Term:</b> 3.1		
<b>Key Words:</b>	<b>Prerequisites</b>	<b>R</b>	<b>A</b>	<b>G</b>
Angle, geometric, shape, polygon, quadrilateral, parallel, diagonal, vertex, vertices, opposite, transversal, corresponding, alternate, co-interior, interior, exterior.	Be able to calculate missing angles on a straight line.			
	Be able to find and give reasons for missing angles in parallel lines.			
	Be able to calculate missing angles in a triangle.			

	<b>Content: Angles in Quadrilaterals and Polygons</b>	<b>R</b>	<b>A</b>	<b>G</b>
9.1 Quadrilaterals	Classify special quadrilaterals on the basis of their properties			
	Recognise the properties of special quadrilaterals			
9.2 Polygons	Recognise the properties of polygons, including symmetry properties			

<b>K</b> <i>What you know</i>	<b>W</b> <i>What you want to know</i>	<b>L</b> <i>What have you learned</i>