



# Longfield Learning Journey



<b>Key Stage 3 Support</b>	<b>Unit 10 – Year 8</b> Perimeter and Area of Quadrilaterals and Circles	<b>Term: 3</b>		
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<b>Key Words:</b>	<b>Prerequisites</b>	<b>R</b>	<b>A</b>	<b>G</b>
Area, perimeter, circumference, radius, diameter. Quadrilateral, compound, pi	Identify 2d shapes			
	Multiplication			
	Addition			
	Use of calculator			

	<b>Content: Perimeter and Area of Quadrilaterals and Circles</b>	<b>R</b>	<b>A</b>	<b>G</b>
10.1 Perimeter and Area of Parallelograms	<ul style="list-style-type: none"> <li>Calculate the perimeter and area of parallelograms</li> <li>Solve problems involving perimeter and area</li> </ul>			
10.2 Perimeter and Area of Trapezia	<ul style="list-style-type: none"> <li>Calculate the perimeter and area of trapezia</li> <li>Solve problems involving perimeter and area</li> </ul>			
10.3 Circumference and Area of Circles	<ul style="list-style-type: none"> <li>Calculate the circumference and area of circles</li> <li>Solve problems involving circumference and area</li> </ul>			
10.4 Perimeter and Area of Composite Shapes	<ul style="list-style-type: none"> <li>Calculate the perimeter and area of composite shapes</li> <li>Solve problems involving perimeter and area</li> </ul>			
10.5 Conversion of Square Units	<ul style="list-style-type: none"> <li>Convert between square units</li> </ul>			

<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>