



# Longfield Learning Journey



<b>Key Stage 3 Extend</b>	<b>Unit 10 – Year 7</b> <b>Perimeter and Area of Triangles and Circles</b>	<b>Term:</b> <b>3.2</b>		
<b>Key Words:</b>	<b>Prerequisites</b>	<b>R</b>	<b>A</b>	<b>G</b>
Perimeter, area, circumference, semicircle, rectangle, squares, triangles, circles	The perimeter of a plane figure is the distance around the figure			
	The area of a plane figure is the amount of space covered by the figure			
	Perpendicular lines intersect at $90^\circ$			

	<b>Content:</b> Perimeter and Area of Triangles and Circles – Unit 10	<b>R</b>	<b>A</b>	<b>G</b>
10.1 Perimeter of a Triangle	Perimeter of a triangle			
	Area of a triangle			
10.2 Circumference of a Circle	Circumference of a circle			
10.3 Area of a Circle	Applying the area of a circle to geometric problems			
10.4 Perimeter and Area Problems	Finding the Length given the Perimeter or Area of a Shape			
	Perimeter and area of composite shapes			

<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>