



# Longfield Learning Journey



<b>Key Stage 3 Extend</b>	<b>Unit 10 – Year 8</b> <b>Perimeter and Area of Parallelograms and Trapezia</b>	<b>Term:</b> 3.1		
<b>Key Words:</b>	<b>Prerequisites</b>	<b>R</b>	<b>A</b>	<b>G</b>
Perimeter, area, triangle, parallelogram, trapezium, trapezia, base, height, perpendicular, parallel, composite, plane	Be able to calculate the area and perimeter of a square.			
	Be able to calculate the area and perimeter of a rectangle.			
	Be able to calculate the area and perimeter of triangles and circles.			

	<b>Content: Perimeter and Area of Parallelograms and Trapezia</b>	<b>R</b>	<b>A</b>	<b>G</b>
10.1 Area of Parallelograms	• calculate the area of a parallelogram			
10.2 Area of Trapezia	• calculate the area of a trapezium			
10.3 Perimeter and Area of Composite Plane Figures	• solve problems involving perimeters and areas of composite plane figures			

<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>