



# Longfield Learning Journey



<b>Key Stage 4 Foundation</b>	<b>Unit of work: Working in 2 Dimensions – Unit 7</b>	<b>Term: 1:2</b>		
<b>Key Words:</b>	<b>Prerequisites</b>	<b>R</b>	<b>A</b>	<b>G</b>
Measure, length, volume, capacity, mass, time, money, line segment, geometry, interpretation, scale	Multiply fractions and mixed numbers.			
	Add decimals.			
	Measure a line segment in mm and cm			

	<b>Content: Working in 2 Dimensions – Unit 7</b>	<b>R</b>	<b>A</b>	<b>G</b>
A5	Understand and use standard mathematical formulae; rearrange formulae to change the subject.			
G1	Draw diagrams from written description.			
G7	Identify, describe and construct congruent and similar shapes, including on coordinate axes, by considering rotation, reflection, translation and enlargement (including fractional scale factors).			
G14	Use standard units of measure and related concepts (length, area, [volume/capacity, mass, time, money, etc.]).			
G15	Measure line segments and angles in geometric figures, including interpreting maps and scale drawings and use of bearings			
G16	Know and apply formulae to calculate: area of triangle, parallelograms, trapezia.			
G24	Describe translations as 2D vectors.			
R2	Use [scale factors] scale diagrams and maps.			

<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>