



Longfield Learning Journey



Key Stage 3 Support	Unit 11 – Year 8 Surface Area and Volume of Prisms and Cylinders	Term: 3.2		
Key Words:	Prerequisites	R	A	G
Surface, area, Radius, Volume	Use of ruler			
	Ability to identify 2D and 3D shapes			
	Calculate area and perimeter (previous unit)			
	Multiplication			

	Content: Surface Area and Volume of Prisms and Cylinders	R	A	G
11.1 Nets of Prisms and Cylinders	<ul style="list-style-type: none"> • Draw the nets of prisms and cylinders 			
11.2 Surface Area and Volume of Prisms	<ul style="list-style-type: none"> • Find the surface area and volume of prisms • Solve problems involving the surface area and volume of prisms 			
11.3 Surface Area and Volume of Cylinders	<ul style="list-style-type: none"> • Find the surface area and volume of cylinders • Solve problems involving the surface area and volume of Cylinders 			
11.4 Conversion of Cubic Units	<ul style="list-style-type: none"> • Convert between cubic units 			

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