



Year 8		
Term	Units In Key Stage 3, students study one unit each half term. Units are taught within a context related to everyday life	Assessment These take place towards the end of each half term. Marks are recorded on Go4Schools
Autumn	<p><b>Maths in History</b> (Number)</p> <p>Students calculate with negative numbers, work with index notation and standard form.</p>	<p><b>Maths in History</b></p> <p>Classroom based assessment (1 hour)</p>
	<p><b>Maths in Science</b> (Algebra)</p> <p>Students explore sequences and determine both term to term and position to term rules. They solve equations, develop skills of algebraic manipulation and use specific formulae.</p>	<p><b>Maths in Science</b></p> <p>Classroom based assessment (1 hour)</p>
Spring	<p><b>Maths in Travel</b> (Real Life Graphs)</p> <p>Students use graphs for practical purposes such as recording conversions and representing distance and time for a journey on a travel graph. They present their findings to an audience.</p>	<p><b>Maths in Travel</b></p> <p>Classroom based assessment (1 hour)</p>
	<p><b>Maths in Cooking</b> (Proportional Reasoning)</p> <p>Students use proportional reasoning to solve problems. They apply concepts of ratio in various contexts.</p>	<p><b>Maths in Cooking</b></p> <p>Classroom based assessment (1 hour)</p>

<b>Summer</b>	<b>Maths in Sport</b> (Data Handling)  Students carry out short statistical enquiry following the data cycle: planning, collecting data, representing and interpreting. They compare different methods of representing data and use average and range to make comparisons.	
	<b>Maths in Packaging</b> (Geometry and Measure)  Students explore 3-D shapes, visualising and constructing 2-D representations. They investigate geometric properties of polygons and calculate volumes and surface areas.	<b>End of Year Examination</b>  Formal Assessment in exam halls (1 hour)