



Year 11 Accelerated Learning Scheme of Work

Overview	<p>The purpose of the Maths curriculum is to equip students with uniquely powerful ways to describe, analyse and solve problems and to make them more prepared for the real world.</p> <p>We do this by providing a secure understanding of mathematical concepts, from basic principles of mathematics to complex topics that combine several areas of study into a single question.</p> <p>In Year 1 we continue to concentrate on retention of knowledge and depth of learning. In doing this, all our students have the opportunity to master key skills. In year 11 the accelerate the learning allows for the extra content required in the Higher Scheme of Work.</p> <p>As we enter year 11 all sets will have reached a different point in the curriculum so while we have a set Scheme of Work, each group will be adapted to start at the point they reached in the year 10 Scheme of Work.</p>
-----------------	---

Autumn Term	Half Term 1	Half Term 2	Assessment
	<p><i>Transformations and Construction</i></p> <p>8.1 3D solids 8.2 Reflection and rotation 8.3 Enlargement 8.4 Transformations and combinations of transformations 8.5 Bearings and scale drawings 8.6 Constructions 1 8.7 Constructions 2 8.8 Loci</p> <p><i>Vectors and Geometric Proof</i></p> <p>18.1 Vectors and vector notation 18.2 Vector Arithmetic 18.3 More Vector Arithmetic 18.4 Parallel vectors and colinear points 18.5 Solving Geometric problems</p>	<p><i>Proportion of Graphs</i></p> <p>19.1 Direct Proportion. 19.2 More Direct Proportion 19.3 Inverse Proportion 19.4 Exponential Functions 19.5 Non-Linear Graphs 19.6 Translation of Graph Functions 19.7 Reflecting and stretching graph functions.</p>	<p>In Year 11 we do a past paper assessment every fortnight, these are a mix of seen and unseen papers.</p> <p>Half Term 2 At the end of November, we do United Learning Mock GCSE 1 (this consists of 3 papers)</p>

Spring Term	Half Term 3	Half Term 4	Assessment
	<p>At this point in the year the individual teacher plan individual lessons to either complete the Scheme of Work or to Revise topics that have been identified as weaknesses.</p>	<p>At this point in the year the individual teacher plan individual lessons to either complete the Scheme of Work or to Revise topics that have been identified as weaknesses.</p>	<p>In Year 11 we do a past paper assessment every fortnight, these are a mix of seen and unseen papers.</p> <p>Half Term 4 Just before Easter Break. We do United Learning Mock 2 (this consists of 3 papers).</p>

Summer Term	Half Term 5	
	At this point in the year the individual teacher plan individual lessons to either complete the Scheme of Work or to Revise topics that have been identified as weaknesses.	Assessment
		In Year 11 we do a past paper assessment every fortnight, these are a mix of seen and unseen papers

Useful Resources for Supporting Your Child at Home:	Homework:
<ul style="list-style-type: none"> ■ hegartymaths.com ■ drfrostmaths.com ■ curriculum.unitedlearning.org.uk ■ trockstars.com ■ www.bbc.co.uk/bitesize/subjects/zqhs34j ■ mmerevise.co.uk 	<p>Hegarty Maths is used as the main homework platform and 2 tasks are set each week.</p> <p>On top of this web resources like Dr Frost are used to set more GCSE style questions.</p> <p>Pinpoint booklets are regularly set.</p>