

Module/Unit of Learning	Taught During	What will students learn?	How does this develop expertise and challenge students?	Links to other subjects
<b>GCSE Higher Level Trig</b>	<b>Autumn</b>	Students will extend their knowledge of trigonometry to look at non-right angled triangles and applying their knowledge to real-life contexts with bearings. Taking on their trigonometric knowledge students will graph these functions and identify common patterns and look at how transforming the functions affects the graphs	This work stretches the students to achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	Geography  Duke of Edinburgh
<b>GCSE Functions</b>	<b>Autumn</b>	Building graph work of functions students will look at the algebraic forms and how to manipulate them.	This work stretches the students to achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	
<b>GCSE Iterative Processes</b>	<b>Autumn</b>	Students will build on their knowledge of rearranging formulae and compound interest to apply to algebraic and real-life context iterative processes.	This work stretches the students to achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	Geography and Science
<b>GCSE Perpendicular Lines and</b>	<b>Autumn</b>	Students will revisit their knowledge of linear graphs and build on the	This work stretches the students to	

<b>Equations of Circles</b>		work to consider perpendicular lines. This will then link into equations of circles and how to find the equation of the tangent	achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	
<b>Mixed Revision PPE Preparation</b>	<b>Autumn</b>	Students are now at a point to practise revision of various topics in mixed lessons. This will build on the exam skills needed for the upcoming PPE exams	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>GCSE Inequalities</b>	<b>Autumn</b>	Students will revisit their knowledge of graphs both linear and non-linear. They will then extend this knowledge to consider inequalities and the regions enclosed by them.	This work stretches the students to achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	
<b>QLA from PPE</b>	<b>Spring</b>	Following on from the first round of PPEs, question analysis will highlight key topics per class to focus upon. Students will work on these areas in the groups	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>GCSE Revision Block 1 Fundamentals</b>	<b>Spring</b>	After the QLA from PPE round 1, topics will be chosen per group to focus upon the core areas that students can gain maximum marks from.	This work stretches the students to achieve the highest of grades and beyond fully preparing them for mathematics at and beyond GCSE	
<b>GCSE Revision Block 2 Challenge</b>	<b>Spring</b>	Students are now at a point to stretch their knowledge to the highest level and focus upon topics that will push them to the highest grade they are capable of.	This work builds the students exam technique allowing them to become experts at the GCSE.	

<b>GCSE Mind the Gaps</b>	<b>Spring</b>	Students will work on confidence and exam technique by completing a Mind the Gap paper once per week, subsequent lessons each week will build on practising the key questions coming out as target areas.	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>Mixed Revision PPE 2 Preparation</b>	<b>Spring</b>	Students are now at a point to practise revision of various topics in mixed lessons. This will build on the exam skills needed for the final PPE in March	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>Mixed Revision</b>		Students are now at a point to practise revision of various topics in mixed lessons. This will build on the exam skills needed for the summer exams	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>QLA from PPE</b>	<b>Spring</b>	Following on from the second round of PPEs, question analysis will highlight key topics per class to focus upon. Students will work on these areas in the groups	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>Walking Talking Mock Week</b>	<b>Summer</b>	In the final throws of lessons before the exams, we will hone the skills of all students by going through a final paper in our walking talking mock format. Students will hear experts go through the key exam technique and knowledge needed to further build their confidence in preparation for the exams.	This work builds the students exam technique allowing them to become experts at the GCSE.	
<b>Mixed Revision Summer Preparation</b>	<b>Summer</b>	Students are now at a point to practise revision of various topics in mixed lessons. This will build on the exam skills needed for the summer exams	This work builds the students exam technique allowing them to become experts at the GCSE.	