



Module/Unit of Learning	Taught During	What will students learn?	How does this help to broaden horizons?	Links to other Subjects
GCSE HCF, LCM and primes	Autumn term 1	Students will be developing the language of factors, multiples and primes and develop problem solving skills.	This work stretches the students to achieve the highest grade they are capable of	Geography Duke of Edinburgh
GCSE Fractions, Decimals and Percentages	Autumn term 1	Students will secure the fundamentals of number and work with the various forms of number focussed mainly on non-calculator work. Finally moving towards calculator-based percentage work with compound interest.		Science
GCSE Trigonometry For only x4 and Y1 groups	Autumn term 1	Recap of triangle with finding missing lengths and angles. Including stretching their work to more complex problem-solving questions using trigonometry skills.		
GCSE Compound Measure	Autumn Term 1	Students will work with, speed, pressure and density. Students will learn how to apply ratio tables to find missing values within these contexts. Calculators will be essential to utilise the ratio function on them.		
GCSE Walking Talking Mock	Autumn term 2	This work builds the students exam technique allowing them to become experts at the GCSE.		
GCSE Algebraic Graphs For only x4 and Y1 groups	Autumn term 2	Students will practice drawing linear and quadratic graphs using both a calculator and a non-calculator method. They cover how to recognize different types of graphs, how to calculate gradient and find the equation of a line.		Science
GCSE Transformations	Autumn term 2	A recap topic from KS3 on transforming shapes. Students will go through rotation, reflections, translations and enlargements.		



Module/Unit of Learning	Taught During	What will students learn?	How does this help to broaden horizons?	Links to other Subjects
PPE preparation and PPEs followed by over to you time	Autumn 2 and Spring 1	Students sit papers in the hall to replicate the GCSE experience. 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.	
Adaptive Teaching	Autumn 2	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 grade they are capable of.	
Staples Challenge	Spring 1	Students will sit half papers and focus on gaining as many marks as possible without dropping a mark. There will be a focus on accuracy, showing your working and checking your work. These run for 5 weeks in which students sit the papers then	Focus on accuracy and the way to approach questions logically, breaking each step down and getting students to be confident in explaining their answers.	
Adaptive Teaching	Spring 2	After each Staples challenge there are two lessons of adaptive teaching focusing on the topics or questions that student struggled on. Teachers will demonstrate and talk through their thinking at each stage.	Build confidence answering unknown questions. Give students practice of success and exam pressure.	
Prompted PPEs	Spring 2	Students will sit prompted PPE papers.		
Adaptive teaching	Spring 2	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.		
Prompted PPE Over to you.	Spring 2	Review of the Prompted PPE sat in March. Focus on questions where students have struggled		
Adaptive Teaching	Summer 1	Teaching based on subjects that students need to work on. This is informed by assessments and starters and is reviewed by the teacher on a lesson-by-lesson basis.		
GCSE exams	Summer 1 and 2	Students to sit GCSE Maths papers. 3 papers- 1 non calculator and 2 calculator papers.		