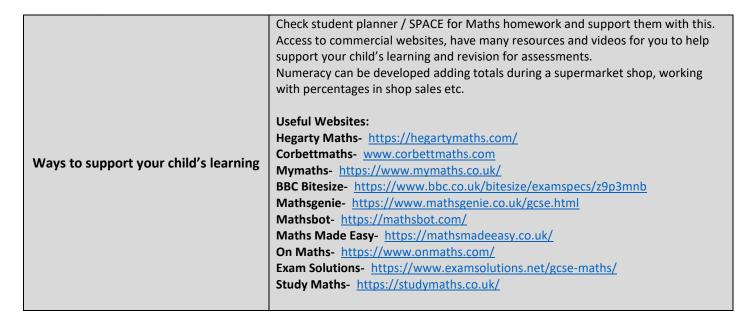


Curriculum Overview

Subject area: Mathematics Year 11 Foundation

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Topics	Investigating Properties of Shapes Calculating Solving Equations and Inequalities I	Algebraic Proficiency: tinkering Proportional Reasoning Pattern Sniffing	Algebraic Proficiency: visualising Solving Equations and Inequalities II Analysing	Revision of key concepts as identified from assessments	Revision of key concepts as identified from assessments	
	Mathematical Movement I	Calculating Space Exploring Fractions, Decimals and Percentages	Statistics Mathematical Movement II			
Assessment	Mock Exams Half Foundation Paper x 2 Hegarty Homeworks Mini-Tests	Half Foundation Paper x 2 Hegarty Homeworks Mini-Tests	Mock Exams Half Foundation Paper x 2 Hegarty Homeworks Mini-Tests	Mock Exams Hegarty Homeworks Mini-Tests	GCSE Exam 3 Papers	
Homework	Hegarty Maths Worksheets Half Exam Papers	Hegarty Maths Worksheets Half Exam Papers	Hegarty Maths Worksheets Half Exam Papers	Hegarty Maths Worksheets Half Exam Papers		

Responding to	QLA from previous years learning to identify gaps in knowledge				
to post COVID gaps in learning	Regular GCSE testing to identify gaps in knowledge				
gaps in rearring	Targetted starters to address gaps in knowledge				
	Hegarty homework based on gaps in knowledge				
	Key points for the year will include:				
Building on prior learning	 Solve problems involving direct and inverse proportion 				
	 Solve quadratic equations by factorising 				
	 Apply trigonometry in two dimensions 				
	 Calculate volumes of spheres, cones and pyramids 				
	Understand and use vectors				
Enrichment	Lunchtime Maths Masterclass to support students aiming for grade 8/9 and prepare for A-Level Maths				
within					
the Curriculum					
	Lunchtime support offered where students require extra help.				
Extracurricular	After school intervention and revision sessions.				
opportunities	Maths Challenges and House Competitions				
	Hegarty Leader Board				
	In Maths lessons students are always encouraged to delve deeper into their understanding of				
Positive impacting on personal	Mathematics and how it relates to the world around them.				
	Problem solving skills and teamwork are fundamental to Mathematics, through creative thinking,				
development	discussion, explaining and presenting ideas. Students are always encouraged to develop their				
(SMSC)	Mathematical reasoning skills, communicating with others and explaining concepts to each other. Self and				
	peer reviewing are very important to enable students to have an accurate grasp of where they are and				
	how they need to improve.				
Preparing for	Development of topics in the areas of Number, Ratio and Proportion, Algebra, Geometry and Statistics.				
the next					
stage of					
education					



Assessment Tracking

Test	Date	Percentage