



VISION

"The mathematics department strives to give students the confidence to acquire and use mathematical skills that will stand them in good stead throughout their lifetime. The department seeks to achieve excellence in the teaching and learning of mathematics, in order for the students to make significant progress, irrespective of their prior attainment in this fascinating, fun and varied subject. As a core subject, studied by all students throughout their time at school, we believe maths is one of the most important and interesting in the curriculum. We hope that the passion we have for mathematics is contagious and that students can learn to enjoy the challenge it is able to offer to all of us."

	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 1	Equations and Inequalities <ul style="list-style-type: none">• Substitution• Solving Equations• Solving inequalities• Representing an inequality on a number line• Sequences	End of Unit Test	<u>Knowledge Organisers - Basics</u> <u>Knowledge Organisers – Equations</u>
Unit 2	Fractions, Decimals and Percentages <ul style="list-style-type: none">• Simplify fractions and use equivalence• Four rules and fractions• Convert Fractions, Decimals and Percentages•	End of Unit Test	
Unit 3	Angles in Polygons and Pythagoras	End of Unit Test	<u>Knowledge Organiser – Pythagoras</u> <u>Unit 3 Knowledge Organisers - Angles</u>



Unit 4	Perimeters, Area and Volumes	End of Unit Test	<u>Unit 4 Knowledge Organisers</u>
Unit 5	Coordinates and Graphs	End of Unit Test	<u>Unit 5 Knowledge Organisers</u>
Unit 6	Statistics 1 Tables, Charts and Graphs	End of Unit Test	<u>Knowledge Organiser</u>

	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 7	Probability	End of Unit Test	<u>Unit 7 Knowledge Organisers</u>
Unit 8	Ratio and Proportion	End of Unit Test	<u>Unit 8 Knowledge Organisers</u>
Unit 9	Similarity and Trigonometry	End of Unit Test	<u>Knowledge Organiser</u> <u>Knowledge Organiser</u>
Unit 10	Transformations and Vectors	End of Unit Test	<u>Knowledge Organiser</u> <u>Unit 10 Knowledge Organisers - Vectors</u>



Unit 11	Simultaneous Equations	End of Unit Test	<u>Knowledge Organiser</u>
Unit 12	Compound Measure and Real Life Graphs	End of Unit Test	<u>Knowledge Organiser</u>

	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 13	Indices and Standard Form	End of Unit Test	<u>Knowledge Organiser</u> <u>Knowledge Organiser</u>
Unit 14	Statistics – Averages and summarising data	End of Unit Test	<u>Knowledge Organiser</u>
Unit 15	Congruency, Construction, Loci and Bearings	End of Unit Test	<u>Knowledge Organiser</u> <u>Knowledge Organiser</u>
Unit 16	Construction, Loci, Plans and Elevations <ul style="list-style-type: none">Plans and elevationsConstructions, loci and bearings	End of Unit Test	<u>Unit 16 Knowledge Organisers</u>



Unit 17	Quadratics, solutions and graphs	End of Unit Test	<u>Knowledge Organiser</u>
Unit 18	Circles, cylinders, cones and spheres	End of Unit Test	<u>Unit 18 Knowledge Organisers</u>
Unit 19	Ratio and Percentages	End of Unit Test	<u>Knowledge Organiser</u>
Unit 20	Foci	Assessment	<u>Knowledge Organiser</u>
	Equations and Graphs	GCSE Exam 1 Non Calculator Exam 2 Calculator Exams Edexcel Exam Board	Knowledge Organiser