



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	Algebra the basics	End of Unit Test	<u>Knowledge Organiser</u>
Unit 2	Fractions, Decimals, Percentages and Ratio	End of Unit Test	<u>Unit 2 Knowledge Organiser</u>
Unit 3	Angles and Pythagoras	End of Unit Test	Unit 3 Knowledge Organiser <u>Angles</u> <u>Pythagoras</u>
Unit 4	Area, Volume and Perimeter	End of Unit Test	Unit 4 Knowledge Organiser <u>Area</u> <u>Volume</u>



Unit 5	Coordinates and Linear Graphs	End of Unit Test	<u>Unit 5 Knowledge Organiser</u>
Unit 6	Statistics, representing through Graphs and Charts.	End of Unit Test	<u>Unit 6 Knowledge Organiser</u>

	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 7	Probability	End of Unit Test	<u>Unit 7 Knowledge Organiser</u>
Unit 8	Multiplicative Reasoning	End of Unit Test	<u>Unit 8 Knowledge Organiser</u>
Unit 9	Similarity and Trigonometry	End of Unit Test	<u>Unit 9 Knowledge Organiser</u> <u>Trigonometry</u>
Unit 10	Transformations and Vectors	End of Unit Test	<u>Unit 10 Knowledge Organiser</u> <u>Vectors</u>
Unit 11	Simultaneous Equations	End of Unit Test	<u>Unit 11 Knowledge Organiser</u>



Unit 12	Quadratic Equations	End of Unit Test End of Year Test Assessing Units 1-12	<u>Unit 12 Knowledge Organiser</u>
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	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 13	Indices, Surds and Standard Form	End of Unit Test	<u>Unit 13 Knowledge Organiser</u> <u>Standard Form</u> <u>Surds</u>
Unit 14	Statistics 2, Averages problem solving and complex charts.	End of Unit Test	<u>Unit 14 Knowledge Organiser</u>
Unit 15	Constructions, Loci, Bearings, Congruency.	End of Unit Test Mock Testing Units 1-15	<u>Unit 15 Knowledge Organiser</u>
Unit 16	Circle Theorems	End of Unit Test	<u>Unit 16 Knowledge Organiser</u>
Unit 17	Direct and Inverse Proportion	End of Unit Test	<u>Unit 17 Knowledge Organiser</u>



Unit 18	Transformations of Graphs	End of Unit Test	<u>Unit 18 Knowledge Organiser</u>
	Foci	Assessment	<u>Knowledge Organiser</u>
Unit 19	Advanced Algebra including Proofs	End of unit test	<u>Unit 19 Knowledge Organiser</u> <u>Algebra</u>
Unit 20	Quadratic Inequalities	End of unit test	<u>Unit 20 Knowledge Organiser</u>
Unit 21	Trigonometric Graphs and Transformations	End of unit test	<u>Unit 21 Knowledge Organiser</u>
Unit 22	Gradient of a line and area under a curve.	End of unit test	<u>Unit 22 Knowledge Organiser</u>
	Year 11 Exams Edexcel 3 Exam papers Paper 1 – Non Calculator Paper 2/3 – Calculator.		