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	Knowledge Organiser
Unit 1	Algebra the basics	End of Unit Test	Knowledge Organiser
Unit 2	Fractions, Decimals, Percentages and Ratio	End of Unit Test	Unit 2 Knowledge Organiser
Unit 3	Angles and Pythagoras	End of Unit Test	Unit 3 Knowledge Organiser Angles Pythagoras
Unit 4	Area, Volume and Perimeter	End of Unit Test	Unit 4 Knowledge Organiser Area Volume

Unit 5	**Coordinates and Linear Graphs**	End of Unit Test	**Unit 5 Knowledge Organiser**
Unit 6	**Statistics, representing through Graphs and Charts.**	End of Unit Test	**Unit 6 Knowledge Organiser**

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

Unit 12	Quadratic Equations	End of Unit Test End of Year Test Assessing Units 1-12	**Unit 12 Knowledge Organiser**

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

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