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	**Equations and Inequalities** • Substitution • Solving Equations • Solving inequalities • Representing an inequality on a number line • Sequences	End of Unit Test	**Knowledge Organisers - Basics** **Knowledge Organisers – Equations**
Unit 2	**Fractions, Decimals and Percentages** • 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	**Knowledge Organiser – Pythagoras** **Unit 3 Knowledge Organisers - Angles**

	Foci	Assessment	Knowledge Organiser
Unit 4	**Perimeters, Area and Volumes**	End of Unit Test	**Unit 4 Knowledge Organisers**
Unit 5	**Coordinates and Graphs**	End of Unit Test	**Unit 5 Knowledge Organisers**
Unit 6	**Statistics 1** Tables, Charts and Graphs	End of Unit Test	**Knowledge Organiser**

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

	Foci	Assessment	Knowledge Organiser
Unit 11	Simultaneous Equations	End of Unit Test	**Knowledge Organiser**
Unit 12	Compound Measure and Real Life Graphs	End of Unit Test	**Knowledge Organiser**

	Foci	Assessment	Knowledge Organiser
Unit 13	Indices and Standard Form	End of Unit Test	**Knowledge Organiser** **Knowledge Organiser**
Unit 14	Statistics – Averages and summarising data	End of Unit Test	**Knowledge Organiser**
Unit 15	Congruency, Construction, Loci and Bearings	End of Unit Test	**Knowledge Organiser** **Knowledge Organiser**
Unit 16	Construction, Loci, Plans and Elevations • Plans and elevations • Constructions, loci and bearings	End of Unit Test	**Unit 16 Knowledge Organisers**

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