



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	Algebraic Methods	End of topic test	<u>Knowledge Organiser</u>
Unit 2	Functions and Graphs	End of topic test	<u>Knowledge Organiser</u>
Unit 3	Sequences and Series	End of topic test	<u>Knowledge Organiser</u>
Unit 4	Binomial Expansion	End of topic test	<u>Knowledge Organiser</u>
Unit 5	Radians	End of topic test	<u>Knowledge Organiser</u>



Unit 6	Trigonometric Functions	End of topic test	<u>Knowledge Organiser</u>
Unit 7	Trigonometric Modelling	End of topic test	<u>Knowledge Organiser</u>
Unit 8	Parametric Equations	End of topic test	<u>Knowledge Organiser</u>
Unit 9	Differentiation	End of topic test	<u>Knowledge Organiser</u>
Unit 10	Numerical Methods	End of topic test	<u>Knowledge Organiser</u>
Unit 11	Integration	End of topic test	<u>Knowledge Organiser</u>
Unit 12	Vectors	End of topic test	<u>Knowledge Organiser</u>



Unit 13	Regression, Correlation and Hypothesis Testing	End of topic test	<u>Knowledge Organiser</u>
Unit 14	Conditional Probability	End of topic test	<u>Knowledge Organiser</u>
Unit 15	Normal Distribution	End of topic test	<u>Knowledge Organiser</u>
Unit 16	Moments	End of topic test	<u>Knowledge Organiser</u>
Unit 17	Friction	End of topic test	<u>Knowledge Organiser</u>
Unit 18	Projectiles	End of topic test	<u>Knowledge Organiser</u>
Unit 19	Applications of Forces	End of topic test	<u>Knowledge Organiser</u>



Unit 20

Further Kinematics

End of topic test

[Knowledge
Organiser](#)