

Subject Area: Mathematics – KS4

'We aim to provide students with the mathematical tools, problem solving skills and confidence to make sense of the world around them and to appreciate the beauty of mathematics.
We promote active participation and resilience, which increases future opportunities, employability and enriches lives'

Curriculum Overviews	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Area and Volume Graphs, tables and charts	Transformations Ratio and proportion	Right-angled triangles Probability	Multiplicative reasoning	Constructions, loci and bearings	Quadratic equations and graphs
	Graphs Area and volume	Transformations and constructions Equations and inequalities	Probability Multiplicative reasoning	Similarity and congruence Further trigonometry	Further statistics	Equations and graphs
Year 11	Right-angled triangles Probability Constructions, loci and bearings	Multiplicative reasoning Quadratic equations and graphs	Perimeter, area and volume including circles, spheres and cones	Fractions, indices and standard form Congruence, similarity and vectors	Further algebra Revision and application	Revision and exams
	Further equations and algebra Further trigonometry with Sine and Cosine rule	Further statistics Graphs and graphical representations	Circle theorems Further algebra	Vectors and geometric proof Proportion and graphs	Proportion and graphs Revision and application	Revision and exams

Exam Boards and Useful Websites:

Key Stage 4 (Year 10 - 11)

Exam Board – Edexcel Higher and Foundation tiers
Mathswatch.co.uk/vle
Mathspad.co.uk
Corbettmaths.com
Mathsgenie.co.uk
Drfrost.co.uk