

Mathematics

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Integers: + - x / Types of numbers Introducing Algebra	Equations Fractions	Decimals Percentages	Ratio Angles	Symmetry & transformations Perimeter, area, volume	Collecting and displaying data
Year 8	Integers: BIDMAS Approximation Indices	Fractions and percentages Algebra	Coordinates Linear graphs	Sequences Constructions	Perimeter, area and volume of more complex shapes	Collecting and displaying data
Year 9	Ext/Exc Estimation, Indices, Standard form, Eme/Dev/Sec Calculations, Rounding, HCF LCM	Ext/Exc Equations, Sequences, Quadratics Eme/Dev/Sec Indices, Simplifying expressions	Ext/Exc Scatter graphs, Averages, Fractions, Ratio Eme/Dev/Sec Graphs, Fractions	Ext/Exc Percentages, Angles, Eme/Dev/Sec Percentages, Equations, Sequences	Higher: Graphs, Area, Volume Surds, Pythagoras & Trigonometry Foundation: Angles, Averages	Higher: Circles, Transformations, Constructions Foundation: Area, Volume
Year 10	Higher: Equations, Inequalities, Probability Foundation: Linear graphs	Higher: Venn diagrams, Compound measures Foundation: Transformations, Ratio, Proportion	Higher: Similarity & congruence, Trigonometry Foundation: Trigonometry	Higher: Sine & Cosine rule, Cumulative frequency, Box plots, Histograms Foundation: Probability, Compound measures	Higher: Graphs, Circle theorems Foundation: Constructions, Loci, Bearings, Quadratics	Higher: Circle theorem proofs, Algebraic fractions Foundation: Circles, Sectors, Spheres
Year 11	Higher: Vectors Foundation: Fractions, Indices, Standard form, Congruence	Higher: Proportion, Graphs Foundation: Similarity, Vectors, Graphs	Preparation for GCSE exam	Preparation for GCSE exam	Preparation for GCSE exam	Preparation for GCSE exam, Sixth Form taster sessions

Mathematics

Year 12	<p>Maths: Algebra, Graphs, Coordinate Geometry</p> <p>Further Maths: Complex N^os, Series, Polynomials</p>	<p>Maths: Algebraic Methods, Trigonometry</p> <p>Further Maths: Matrices, Induction Vectors</p>	<p>Maths: Calculus, Vectors, Exponentials</p> <p>Further Maths: Integration, Algorithms, Graph Theory</p>	<p>Maths: Data, Correlation, Modelling, Acceleration</p> <p>Further Maths: Applied Graph Theory, Linear Programming</p>	<p>Maths: Probability, Forces</p> <p>Further Maths: Trigonometry Further Calculus</p>	<p>Maths: Algebra, Functions, Sequences</p> <p>Further Maths: Complex N^os, Series, Methods of Calculus</p>
Year 13	<p>Maths: Binomials, Angles, Trigonometry</p> <p>Further Maths: Integration, Polar Coordinates</p>	<p>Maths: More Trigonometry, Parametric equations,</p> <p>Further Maths: Hyperbolic Functions, Differential Eqns</p>	<p>Maths: Calculus, Vectors</p> <p>Further Maths: Vectors, Conics, Inequalities, T- Formulae</p>	<p>Maths: Year 2 Stats/Mechs</p> <p>Further Maths: Further Calculus, Numerical Methods, Differential Eqns</p>	<p>Maths: Exam Preparation</p> <p>Further Maths: Exam Preparation</p>	<p>Maths: Exam Preparation</p> <p>Further Maths: Exam Preparation</p>

 KS3

 KS4

 KS5

Eme: Emerging; Dev: Developing; Sec: Secure; Ext: Extending, Exc: Exceptional