

Subject Overview - Mathematics



Students in Year 7, 8 follow bespoke topics of work dependent on set.

A Band classes learn from the Delta Scheme of Work, B Band Classes from the Theta Scheme of Work and C Band Classes from the Pi Scheme of Work

Students in Years 9 and 10 follow the GCSE Syllabus (A1-A3 and B1 study Higher Level, A4 and B2-C4 study Foundation Level)

Students in Year 11 follow individually tailored schemes of work based on weaknesses from GCSE assessments – contact teachers for details

	Term 1	Term 2	Term 3
Year 7	Analysing and displaying data Calculations Expressions, functions and formulae	Graphs Factors and Multiples Decimals and Measure	Angles and Lines Measuring Shapes Transformations
Year 8	Number properties and calculations Shapes and measure in 3D Statistics including composite bar charts	Equations Angles in Polygons Sequences	Fractions and Percentages Probability
Year 9 Foundation	Number Algebra Graphs, Tables and Charts	Fractions and Percentages Equations, Inequalities and Sequences Averages and Range	Perimeter, area and volume Graphs including linear and real life
Year 9 Higher	Number Algebra Data Handling (Representing & Interpreting)	Fractions, Decimals, Percentages Interior and Exterior Angles & Trigonometry Graphs including Linear and Real Life	Area and Volume of 2d and 3d shapes Transformations of 2d shapes
Year 10 Foundation	Transformations Ratio and Proportion Pythagoras Theorem and Trigonometry	Probability including tree diagrams Multiplicative Reasoning Constructions, Loci and Bearings	Quadratic Equations and Graphs Perimeter, Area and Volume Fractions, Indices and Standard Form
Year 10 Higher	Equations and Inequalities Probability including tree diagrams Multiplicative Reasoning	Similarity and Congruence Trigonometry including sine and cosine rule Cumulative Frequency and Histograms	Equations and Graphs including circulars Circle Theorems Further algebra including Proof
Year 11	Lessons are individually selected by classroom teachers dependent on whole class weaknesses from calendared assessments – for further information please contact individual classroom teachers.		

Year 12	Students study P1 and M1 simultaneously, covering topics such as Algebra, Quadratics, Circles, Forces and Motion and Acceleration	M1 – Variable Acceleration S1 – Measures of location and spread S1 – Statistical distributions	P1 – Vectors P1 – Integration P1 – Exponentials and logarithms
Year 13	Students are studying C3, C4 and S1 modules ready for their A2 assessments in the Summer. Students are also revising for module C1 in order to resit this element in the Summer too.		

Contact Details

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