



Curriculum Map –

Below is a curriculum map, showing what is taught at each stage of the year.

	Term 1.1	Term 1.2	Tear 2.1	Term 2.2	Term 3.1	Term 3.2
Year 7	Time, Place Value & Rounding, Order of Operations, Indices, Factors and Multiples, Fractions/Decimals/Percentages, Ratio		Introduction to Algebra, Sequences, Substitution, Solving Equations, Inequalities, Coordinates		Using Equipment, Angles, Properties of Shapes, Converting Units, Perimeter, Area, Circle Measure, Volume, Surface Area	
Year 8	Scatter graphs, Rounding & Error Intervals, Standard Form, Compound Measure, Best Buys, Proportion, Index Laws, Multipliers		Algebra, Sequences, Linear Graphs, Expanding and Factorising, Circle Measure, Angles, Similarity, Transformations		Types of Data, Averages and Ranges, Representing Data (1), Introduction to Probability	
Year 9	Ratio & Proportion, Fractions, Decimals, Percentages, Interest, Prime Factors, Indices, Error Intervals		Algebra, Line Graphs, Sequences, Volume/Surface Area, Congruence & Similarity		Pythagoras, Trigonometry, Constructions, Quartiles, Probability	
Year 10H	Simultaneous Equations, Quadratics, Sequences, Proof, Iteration		Recurring Decimals, Bounds, Direct and Inverse Proportion, Algebraic, Functions		Vectors, Circle Theorems, Trigonometry and Pythagoras in 3D, Non right angled trigonometry.	
Year 10F	F Decimals, Fractions, Percentages, Products of Primes, Interest, Ratio, Proportion, Recipes		Algebraic Notation, Index Laws, Coordinates & Midpoints, Equation of Straight-Line Graphs, Quadratics		Angles in Parallel Lines, Angles in Polygons, Transformations, Representing Data	
Year 11H	Surds and Indices, Ratio & Proportion, Bounds and Error Intervals, Quadratic Sequences, Similarity in 3D, Non right angled Trig,		Functions, Simultaneous Equations by substitution, Proof, Parallel and Perpendicular Lines, Vectors, Circle Theorems, Data, Probability.		*Reactive based on PPE2.	
Year 11F	FDP, Percentages, Percentage Change, Compound Interest, Compound Measures, Equations of Lines, Quadratic Graphs, Angles in Polygons		Probability, Trees, Venn Diagrams, Pythagoras, Trigonometry, Simultaneous Equations		*Reactive based on PPE2.	
Year 12	Indices, Equations, Straight lines, Algebraic methods, Quadratics, Graph transformations, Circles, Trig, Data collection, Measures, Representing data		Correlation, Mechanics modelling, Binomial expansion, Differentiation, Integration, Vectors, Exponentials & logs, Constant acceleration		Integration, Probability, Statistical distributions, Hypothesis testing, Forces and motion, Variable acceleration, Year 2 content (Algebraic methods, Functions & Graphs)	
Year 13	Sequences & Series, Binomial expansion, Regression, Conditional probability, Radians, Trig functions & modelling, Parametric Equations		Integration, Normal distribution, Application of forces, Further Kinematics, Vectors		*Reactive based on PPE2.	