Curriculum Map - Maths

Year 7

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
Factors, Multiples and Primes	Powers and Roots	Fractions	Rounding	Fractions, Decimals and Percentages
Sets and Venn Diagrams	Order of Operations	Decimals	Metric Units	Ordering Numbers
Negative Numbers	Introduction to Algebra	Solving Linear Equations 1	Properties of 2D Shapes	Percentages
			Area and Perimeter	Angle Basics

Year 8

Unit 6	Unit 7	Unit 8	Unit 9	Unit 10
Ratio	Prime Factorisation	Factorising into Single Brackets	Proportion	Estimation
Algebra Recap	Introduction to Probability	Solving Linear Equations 2	Averages and Range	Circles
Index Laws	Expanding Single Brackets	Sequences	Coordinates	Angles in Parallel Lines
			Charts	

Year 9

Unit 11	Unit 12	Unit 13	Unit 14	Unit 15
Fraction Arithmetic	Expanding Double Brackets	2D Pythagoras' Theorem	Linear Inequalities	Percentages with Multipliers
Highest Common Factor and Lowest Common Multiple	Factorising by Grouping	Properties of 3D Shapes	Straight Line Graphs	Simple and Compound Interest
Standard Form	Factorising Quadratics	Plans and Elevations	Basic Vectors	Similarity with Length
Types of Numbers	Difference of Two Squares	Volume and Surface Area of Prisms	Transformations	Right-Angled Trigonometry
Multiplying and Simplifying Surds	Basic Functions	Area and Volume Unit Conversions	Invariant Points	
Angles in Polygons	Changing the Subject	Compound Measures		
	Inverse Functions			

Year 10

Unit 16	Unit 17	Unit 18	Unit 19	Unit 20
Recurring Decimals	Bounds and Error Intervals	Advanced Data Handling	Advanced Indices	Graphical Simultaneous Equations
Parallel and Perpendicular Lines	Basic Circle Theorems	Expanding Triple Brackets	Calculating with Surds	Linear Simultaneous Equations
Graphical Inequalities	Direct and Inverse Proportion	Solving Quadratics	Algebraic Fractions	Combinations and Permutations
Non-Linear Graphs	Constructions and Loci			Advanced Statistics

Year 11

Unit 21	Unit 22	Unit 23	Unit 24	Unit 25
Advanced Trigonometry	Similarity with Area and Volume	Completing the Square	Equations of Circles and Tangents	Exponential and Trigonometric Graphs
3D Pythagoras' Theorem and Trigonometry	Arcs, Sectors and Segments	Advanced Functions	Advanced Simultaneous Equations	Graph Transformations
Bearings	Volume and Surface Area of Non-Prisms	Quadratic Graphs	Advanced Sequences	Congruence and Similarity Proofs
Advanced Ratio	Advanced Probability	Quadratic Inequalities	Algebraic Proof	Circle Theorem Proofs
	Capture-Recapture	Real-Life Graphs	Advanced Vectors	
		Gradients and Areas of Graphs		
		Iterations		