

Maths : Curriculum Journey

Key Stage 3



Year 7

Autumn	Unit 1	Data
	Unit 2	Number
	Unit 3	Expressions, functions and formula
	Unit 4	Decimals and measures
Spring	Unit 5	Fractions
	Unit 6	Lines and Angles
	Unit 7	Ratio and Proportion
Summer	Unit 8	Perimeter, Area and Volume
	Unit 9	Probability
	Unit 10	Transformations

Year 8

Autumn	Unit 1	Factors and Powers
	Unit 2	Expressions and Equations
	Unit 3	Graphs
Spring	Unit 4	Sequences
	Unit 5	Scale Drawings
	Unit 6	Fractions, Decimals and Percentages
Summer	Unit 7	Real Life Graphs
	Unit 8	Compound Measures
	Unit 9	Calculator Methods

Year 9

Autumn	Unit 1	Number
	Unit 2	Expressions and Formula
	Unit 3	Graphs, tables and charts
Spring	Unit 4	Fractions and Percentages
	Unit 5	Inequalities and sequences
	Unit 6	Angles and Trigonometry
Summer	Unit 7	Averages
	Unit 8	Perimeter, Area and Volume
	Unit 9	Constructions

Maths : Curriculum Journey

Key Stage 4 - GCSE Foundation



Year 10		
Autumn	Unit 1 Unit 2 Unit 3	Graphs Transformations Ratio and proportion
Spring	Unit 4 Unit 5 Unit 6	Right-angled triangles Probability Multiplicative reasoning
Summer	Unit 7 Unit 8 Unit 9	Constructions, loci and bearings Quadratic equations and graphs Perimeter, area and volume 2

Year 11		
Autumn	Unit 10 Unit 11 Unit 12	Fractions, indices and standard form Congruence, similarity and vectors Further algebra
Spring	Revision	
Summer		

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Key Stage 4 - GCSE Higher



Year 10		
Autumn	Unit 1	More trigonometry Probability Multiplicative reasoning
	Unit 2	
	Unit 3	
Spring	Unit 4	Similarly and congruence More trigonometry Further statistics
	Unit 5	
	Unit 6	
Summer	Unit 7	Equations and graphs Circle theorems Further algebra
	Unit 8	
	Unit 9	

Year 11		
Autumn	Unit 10 Unit 11	Vectors and geometric proof Proportion and graphs
Spring	Revision	
Summer		

Maths : Curriculum Journey

Key Stage 5 - A Level



Year 12

Autumn	Surds Quadratics Trigonometry Equations Graphs Polynomials Differentiation
Spring	Coordinate Geometry Integration Binomial expansion Data Collection Exponentials Probability
Summer	Vectors Data Processing, presentation and interpretation Kinematics Binomial distribution Forces and Newton's laws of motion Hypothesis testing Variable acceleration

Year 13

Autumn	Proof Function Trigonometry Differentiation Vectors
Spring	Sequences Parametric Equations Integration Differential Equations Statistical Distributions Probability
Summer	Forces and Motion Friction Moments Projectiles