

KS4 Curriculum Map – Higher Tier

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 1 (Yr 9) and Unit 2	Unit 3 and Unit 4	Unit 5	Unit 6	Unit 7	Unit 8 and 9
Year 10	Algebra skills Algebraic Indices Sequences Expanding and Factorising Equations Quadratics Inequalities Formula Algebraic proof	Number skills Place Value Indices Standard Form Surds Bounds Angles and triangles Angles in 2D shapes Angles in Parallel lines Pythagoras Bearings Trigonometry in right angled triangles 3D Pythagoras and Trigonometry Advanced Trigonometry	Probability Combined events Mutually exclusive events Relative Frequency Tree Diagrams Venn Diagrams	Fractions, decimals and percentages Fractions Decimals Percentages Comparing fractions, decimals and percentages Ratio Proportion Algebraic fractions Compound Measures	Further statistics Sampling Cumulative Frequency Box Plots Histograms	Circle Theorems Circle Theorems Graphs Linear graphs Rates of change Real life graphs Parallel and perpendicular graphs Quadratic graphs Cubic and reciprocal graphs Equation of a circle Inequalities and regions



Academic Excellence

We provide a supportive and challenging environment to ensure our students achieve academic excellence.



Ambition

We have the highest expectations for academic excellence and personal development and work hard to achieve them.


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Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 10 and 11	Unit 12	Unit 13	Revision	Exams	
Year 11	Area and Volume Area and Perimeter Volume and Surface Area Units of area and Volume Similarity Further Algebra Simultaneous Equations Functions Graph Transformations	Transformations 3D Solids Transformations Constructions Loci Similarity	Vectors Vector notation and arithmetic Geometric Problems	Recall strategies of all Scheme.		

KS4 Curriculum Map – Foundation Tier

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 1 (Yr 9) and Unit 2	Unit 3 and Unit 4	Unit 5	Unit 6 and 7	Unit 8	Unit 9
Year 10	Algebra skills Expressions Formula Brackets Factorise Equations Inequalities Sequences	Number skills Calculations Decimals Rounding Properties of Number Prime Factors Index Form Standard Form Angles in 2D Shapes Angles in 2D shapes Angle facts Angles in Polygons Angles in Parallel Lines Geometric Problems Bearings	Probability Calculating Probabilities Tree Diagrams Venn Diagrams	Unit 6 Fractions and percentages Fractions Percentages Unit 7 Ratio Ratio Proportion Compound Measures	Right Angled Triangles Pythagoras Trigonometry	Perimeter, Area and Volume Area and Perimeter Surface Area Volume Converting Units



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Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	Unit 10 and 11	Unit 12 and 13	Unit 14	Revision	Exams	
Year 11	Graphs Coordinates Linear Graphs Real life Graphs Quadratic Graphs Non-linear graphs Further Algebra Simultaneous Equations Graphing Simultaneous Equations Proof	Construction and Loci 3D Solids Constructions Loci Transformations Translations Reflections Rotation Enlargements Combined Transformations	Congruence, Similarity and Vectors Similarity Congruence Vectors	Recall strategies of all Scheme.		