



Year 12 Further Mathematics Curriculum Map

Year 12 Further Maths	Autumn Term	Spring Term	Summer Term
Content	<p><u>Teacher A</u> Core Pure Maths 1: Chapter 6 – Matrices Chapter 7 – Linear Transformations Chapter 8 – Proof by Induction</p> <p><u>Teacher B</u> Core Pure Maths 1: Chapter 1 – Complex Numbers Chapter 2 – Argand Diagrams Chapter 3 – Series Chapter 4 – Roots of Polynomials</p>	<p><u>Teacher A</u> Core Pure Maths 1: Chapter 9 – Vectors Further Mechanics 1: Chapter 1 – Momentum and Impulse Chapter 4 – Elastic Collisions in One Dimension</p> <p><u>Teacher B</u> Core Pure Maths 1: Chapter 5 – Volumes of Revolution Further Statistics 1: Chapter 1 – Discrete Random Variables Chapter 2 – Poisson Distributions Chapter 4 – Hypothesis Testing</p>	<p><u>Teacher A</u> Further Mechanics 1: Chapter 2 – Work Energy and Power Pure Maths 2: Chapter 5 – Radians Chapter 6 – Trigonometric Functions Chapter 7 – Trigonometry and Modelling</p> <p><u>Teacher B</u> Further Statistics 1: Chapter 6 – Chi-Squared Tests Pure Maths 2: Chapter 9 – Differentiation Chapter 11 – Integration</p>
Assessments	Core Pure Maths 1: Chapters 1,2,6	Core Pure Maths 1	Year 12 End of Year Exams: Paper 1: Core Pure Mathematics 1 Paper 2: Further Statistics 1 Paper 3: Further Mechanics 1



Year 13 Further Mathematics Curriculum Map

Year 13 Further Maths	Autumn Term	Spring Term	Summer Term
Content	<p><u>Teacher A</u> Core Pure Maths 2: Chapter 3 – Methods in Calculus Chapter 4 – Volumes of Revolution Chapter 6 – Hyperbolic Functions Chapter 7 – Methods in Differential Equations</p> <p><u>Teacher B</u> Core Pure Maths 2: Chapter 1 – Complex Numbers Chapter 2 – Series Chapter 5 – Polar Coordinates</p> <p>Further Statistics 1: Chapter 3 – Geometric and Negative Binomial Distributions Chapter 4 – Hypothesis Testing</p>	<p><u>Teacher A</u> Core Pure Maths 2: Chapter 8 – Modelling with Differential Equations</p> <p>Further Mechanics 1: Chapter 3 – Elastic Strings and Springs Chapter 5 – Elastic Collisions in Two Dimensions</p> <p><u>Teacher B</u> Further Statistics 1: Chapter 5 – Central Limit Theorem Chapter 7 – Probability Generating Functions Chapter 8 – Quality of Tests</p>	<p><u>Teacher A</u> Revision and preparation for the A level exams.</p> <p><u>Teacher B</u> Revision and preparation for the A level exams.</p>
Assessments	Core Pure 2	Year 13 Mock	Final A level examinations: Paper 1: Core Pure Mathematics 1 Paper 2: Core Pure Mathematics 2 Paper 3: Further Statistics 1 Paper 4: Further Mechanics 1