



Year 12 Mathematics Curriculum Map

Year 12 Maths	Autumn Term	Spring Term	Summer Term
Content	<p><u>Teacher A</u> Pure Maths 1: Chapter 1 – Algebraic Expressions Chapter 3 – Equations and Inequalities Chapter 12 – Differentiation Chapter 13 – Integration</p> <p><u>Teacher B</u> Pure Maths 1: Chapter 2 – Quadratics Chapter 4 – Graphs and Transformations Chapter 5 – Straight Line Graphs Chapter 9 – Trigonometric Ratios</p>	<p><u>Teacher A</u> Pure Maths 1: Chapter 11 – Vectors Chapter 6 – Circles Chapter 14 – Exponentials and Logarithms</p> <p>Mechanics 1: Chapter 8 – Modelling in Mechanics Chapter 9 – Constant Acceleration</p> <p><u>Teacher B</u> Pure Maths 1: Chapter 10 – Trigonometric Identities and Equations Chapter 7 – Algebraic Methods Chapter 8 – The Binomial Expansion</p> <p>Statistics 1: Chapter 1 – Data Collection Chapter 2 – Measures of Location and Spread Chapter 3 – Representations of Data</p>	<p><u>Teacher A</u> Mechanics 1: Chapter 10 – Forces and Motion Chapter 11 – Variable Acceleration</p> <p>Pure Maths 2: Chapter 1 – Algebraic Methods</p> <p><u>Teacher B</u> Statistics 1: Chapter 4 – Correlation Chapter 5 – Probability Chapter 6 – Statistical Distributions Chapter 7 – Hypothesis Testing</p> <p>Pure Maths 2: Chapter 2 – Functions and Graphs</p>
Assessments	Pure Maths 1: Chapters 1-4	Pure Maths 1	Year 12 End of Year Exams: Paper 1: Pure Mathematics 1 Paper 2: Statistics and Mechanics 1



Year 13 Mathematics Curriculum Map

Year 13 Maths	Autumn Term	Spring Term	Summer Term
Content	<p><u>Teacher A</u> Pure Maths 2: Chapter 5 – Radians Chapter 6 – Trigonometric Functions Chapter 7 – Trigonometry and Modelling Chapter 10 – Numerical Methods</p> <p><u>Teacher B</u> Pure Maths 2: Chapter 3 – Sequences and Series Chapter 8 – Parametric Equations Chapter 9 – Differentiation Chapter 4 – Binomial Expansion</p>	<p><u>Teacher A</u> Pure Maths 2: Chapter 12 – Vectors</p> <p>Mechanics 2: Chapter 4 – Moments Chapter 5 – Forces and Friction Chapter 6 – Projectiles Chapter 7 – Applications of Forces Chapter 8 – Further Kinematics</p> <p><u>Teacher B</u> Pure Maths 2: Chapter 11 – Integration</p> <p>Statistics 2: Chapter 1 – Regression, Correlation and Hypothesis Testing Chapter 2 – Conditional Probability Chapter 3 – The Normal Distribution</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	Pure Maths 2	Year 13 Mock	Final A Level Examinations: Paper 1: Pure Mathematics 1 Paper 2: Pure Mathematics 2 Paper 3: Statistics and Mechanics