	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 12	Algebraic Expressions Quadratic Functions Equations and Inequalities Graphs and Transformations Straight Line Graphs Circles Algebraic Methods The Binomial Expansion Trigonometric Ratios Trigonometric Identities and Equations Vectors Differentiation	Integration Exponentials and Logarithms Data Collection Measures of Location and Spread Representations of Data Correlation Probability Statistical Distributions Hypothesis Testing Modelling in Mechanics Constant Acceleration Forces and Motion Variable Acceleration	Algebraic Methods Functions and Graphs Sequences and Series Binomial Expansion Radians Trigonometric Functions Trigonometry and Modelling	Parametric Equations Differentiation Numerical Methods Integration Vectors	Regression, Correlation and Hypothesis Testing Conditional Probability The Normal Distribution Moments

Mock Exams | Forces and Frictions Projectiles Applications of Forces Further Kinematics

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| Year 13 | Complex Numbers Argand Diagrams Series Roots of Polynomials Volumes of Revolution Matrices Linear Transformations Proof by Induction Vectors | Complex Numbers Series Methods in Calculus Volumes of Revolution Polar Coordinates Hyperbolic Functions Methods in Differential Equations Modelling with Differential Equations | Conic Sections 1 Conic Sections 2 Inequalities The t-formulae | Taylor Series Methods in Calculus Numerical Methods Reducible Differential Equations Algorithms Graphs and Networks Algorithms on Graphs | Route Inspection The Travelling Salesman Problem Linear Programming The Simplex Algorithm Critical Path Analysis

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