

A LEVEL MATHEMATICS: Edexcel

Course Overview for Years 12 -13

TERM	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
YEAR 12	Pure 1: 1. Algebraic Expressions 2. Quadratics 3. Equations and Inequalities 4. Graphs and Transformations 7. Algebraic Methods Statistics 1: 1. Data collection 2. Measures of Location and Spread 3. Representations of Data 4. Correlation	Pure 1: 5. Straight Line Graphs 6. Circles 8. The Binomial Expansion 9. Trigonometric Ratios 10. Trigonometric Identities and Equations Statistics 1: 5. Probability 6. Statistical Distributions 7. Hypothesis Testing	Mid Year Exams Revision Pure 1: 12. Differentiation Pure 2: 5. Radians Mechanics 1: 8. Introduction to Mechanics 9. Constant Acceleration	Pure 1: 13. Integration 14. Exponentials and Logarithms 11. Vectors Mechanics 1: 10. Forces and Motion 11. Variable Acceleration	Pure 2: 12. Vectors 1. Algebraic Methods 2. Functions and Graphs 4. Binomial Expansion Statistics 2: 1. Regression, Correlations and Hypothesis Testing 2. Conditional Probability	Progression Exams Revision Pure 2: 3. Sequences and Series 10. Numerical Methods Statistics 2: 3. The Normal Distribution
YEAR 13	Progression Exams Revision Pure 2: 6. Trigonometric Functions 7. Trigonometry and Modelling 8. Parametric Equations Mechanics 2: 5. Forces and Friction 4. Moments	Pure 2: 9. Differentiation Mechanics 2: 7. Application of Forces 6. Projectiles	Pure 2: 11. Integration Mechanics 2: 8. Further Kinematics	Progression Exams Revision	Revision	Exams

Paper 1: Pure Mathematics 1	Pure Maths (100 Marks) Specification Overview Exam materials
Paper 2: Pure Mathematics 2	Pure Maths (100 Marks) Specification Overview Exam materials
Paper 3: Applied Mathematics	Applied Maths (100 Marks) – this paper is further divided into two parts; Statistics (50 marks) and Mechanics (50 marks) Specification Overview Exam materials