



Revision list for A-Level Mathematics

Circulation	Year 13- Student
Title	Year 13- A Level revision list
Purpose	To provide revision information for A Level Mathematics

You will sit **three papers** in total, **two pure** and **one applied** (Statistics and Mechanics)

Pure 1 and 2 content:

- Coordinate Geometry
- Further Algebra
- Trigonometry
- Vectors 2D and Vectors 3D
- Differentiation
- Exponentials & Logarithms
- Proof
- Algebraic & Partial Fractions
- Functions & Modelling
- Series & Sequences
- The Binomial Theorem
- Parametric Equations
- Numerical Methods
- Integration I
- Integration II

Applied content:

Statistics

- Statistical Sampling
- Data Presentation & Interpretation
- Probability
- Statistical Distributions
- Statistical Hypothesis Testing
- Regression & Correlation
- The Normal Distribution

Mechanics

- Quantities & Units in Mechanics
- Kinematics I and II
- Moments
- Forces & Friction
- Application of Kinematics - Projectiles
- Application of Forces
- Further Kinematics

3 Papers- 2 Pure: The exam will be 2 hours.
Applied: The exam will be 2 hours.

You must answer all questions in the paper. You will need a black pen, pencil, ruler, and calculator for the exam.

Further detail and revision materials can be found here:

Maths Genie: [Maths Genie • Learn A Level Maths for Free](#)

MME Revise: [A Level Revision | MME](#)

1st Class maths: [A-Level Revision | 1st Class Maths](#)

MPT: [Physics & Maths Tutor](#)

Bisen Maths: [Bicen Maths | Resources](#)