

Subject: Mathematics

Examination Board: Edexcel

Specification code: 9MA0

Paper 1: Pure Mathematics 1

Paper 2: Pure Mathematics 2

Each paper is:

2-hour written examination

33.33% of the qualification

100 marks

1. Proof
2. Algebra & Functions
3. Coordinate Geometry
4. Sequences & Series
5. Exponentials & Logarithms
6. Differentiation
7. Integration
8. Vectors

Paper 3: Statistics and Mechanics

2-hour written examination

33.33% of the qualification

100 marks

Statistics

1. Sampling
2. Data Representation & interpretation
3. Probability
4. Statistical Distributions
5. Hypothesis Testing

Mechanics

1. Quantities & Units
2. Kinematics
3. Forces & Newtons' laws of motion
4. Moments

What students can expect from the course:

A level maths is a rigorous but highly enjoyable course.

You will build up many transferable skills such as problem solving, reasoning and resilience. These will come in useful to you in any of your other studies, as well as in any career you pursue in the future.

In addition to this you will start the journey into some of the more advanced mathematical techniques needed to make sense of the world around you.

Maths is a demanding course and therefore you need to have a high aptitude in maths, as well as a love of the subject in order to get the most out of the course.

Expected GCSE qualifications:

In order to ensure your success with the course we require students to achieve a grade 7 in GCSE Maths.