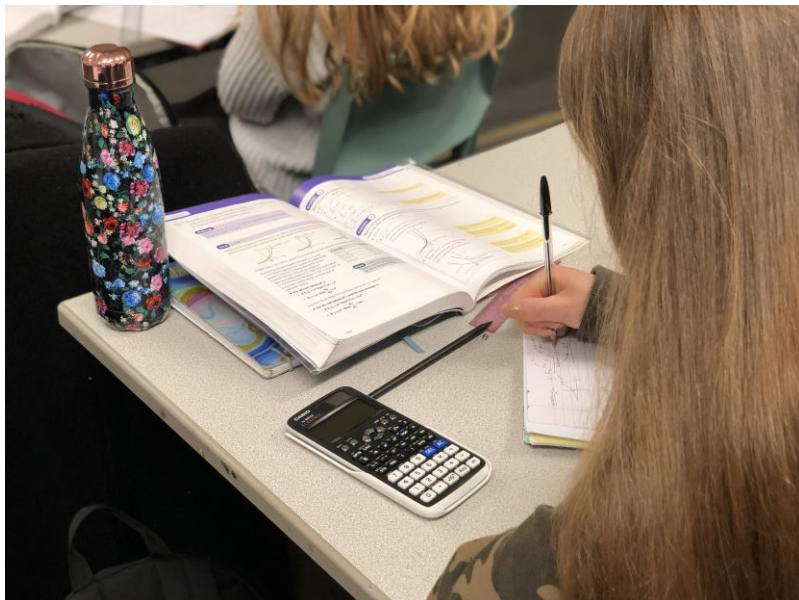


*In the world of work, the importance of Maths is unquestionable. For example, it is the key to science and engineering; it is indispensable in commerce.*



**Are you interested in:**

- problem solving
- logic
- using algebra

**Leading to a career in:**

- accounting
- engineering
- finance
- teaching

**Teacher to contact:**

Mr D Parro

**Exam Board:** Edexcel

## Mathematics A-level

Three exams are completed at the end of A2 Mathematics. The results of all three exams combine to form the overall A2 grade.

Papers 1 and 2 are worth 33.3% each and cover the pure maths topics:

1. Proof
2. Algebra and Functions
3. Coordinate Geometry
4. Sequence and Series
5. Trigonometry
6. Exponentials and Logarithms
7. Differentiation
8. Integration
9. Vectors
10. Numerical Methods

Paper 3 is worth 33.3% of the grade and is divided into two sections.

**Section A Statistics:**

1. Statistical Sampling
2. Data presentation and interpretation
3. Probability
4. Statistical distributions
5. Statistical hypothesis testing

**Section B Mechanics:**

6. Quantities and units in mechanics
7. Kinematics
8. Forces and Newton's laws
9. Moments