

Core Maths



AS Level (AQA)

The Core Maths qualification is for students who have passed GCSE Maths at grade 4 or above but have decided not to study A level Maths. It strengthens students' existing skills and focuses on applying Maths to solve problems relevant to everyday life. This qualification is a one year course and is equivalent to an AS level.

Entry Requirements

- **Minimum Standard:** Five or more grades at 4+ in GCSE or equivalent, including English and Maths.
- **Additional Criteria:** No additional criteria needed.

What will you learn?

This Level 3 Certificate in Mathematical Studies will consolidate your mathematical understanding and build your confidence and competence in applying mathematical techniques to solve a range of problems.

You will develop your understanding of:

Analysis of Data – used in areas such as actuarial science, biology, business and economics, IT and psychology.

Personal Finance – exploring areas such as bank accounts, interest rates, credit and taxation.

Normal Distribution – exploring how normal distribution is used in real-life and industry contexts.

Probability and Estimation – understanding statistical terms and how they are used in real life.

Correlation and Regression – recognising and analysing the accuracy of data, using it to make predictions and identify potential problems.

How will you learn?

You will learn primarily through a practical, problem-solving approach using real-world data and scenarios rather than focusing solely on abstract formulas. The course will introduce you to new mathematical techniques and concepts while developing your ability to apply mathematics confidently in everyday, academic and professional contexts.

How will you be assessed?

50%

Paper 1 (50%) Data analysis, estimation, and personal finance. 1 hr and 30 mins Calculators are allowed.

50%

Paper 2 (50%) A chosen specialised option (option A, B, or C). 1 hr and 30 mins Calculators are allowed.

Where will it take you?

Core Maths will prepare you for further study and future employment across a broad range of academic, professional and technical fields. It is particularly valuable for higher education courses that require mathematical and statistical skills and can support progression to university, higher apprenticeships, professional training or employment.

Who should you talk to?

Please speak to Mr Linklater or email:
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