

Level 3 Mathematical Studies

(Core Mathematics)

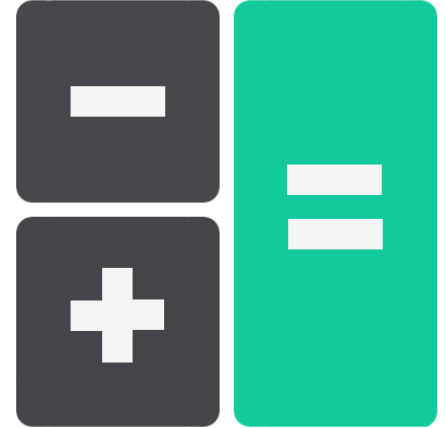
Course Details and Assessment

A Level 3 Mathematical Studies (Core Maths) is a new qualification designed for students who have achieved a grade 5 or above at GCSE. It helps to develop students' mathematical skills and thinking and supports courses such as A-level Psychology, Sciences and Geography as well as technical and vocational qualifications. The course can be completed in 1 year or 2 years depending on the individual student's progress. Both exam papers must be taken in the same exam period..

The course will cover the following topic areas:

Compulsory Content - Analysis of data, Estimation, Maths for personal finance, Critical analysis of given data and models.

Optional Content - The normal distribution, Probabilities and estimation, Correlation and regression OR Graphical methods, Rates of change and Exponential functions.



How is the course assessed?

Year One or Year Two

Paper 1

1 hour 30 mins

Analysis of Data

Estimation

Maths for Personal Finance

60 marks in total.

Paper 2

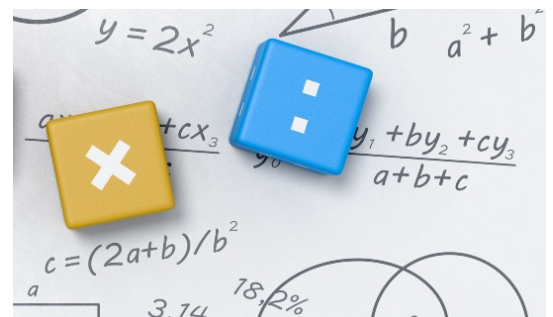
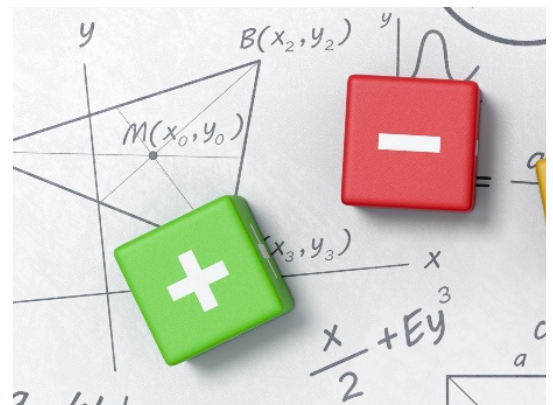
1 hour 30 mins

Critical analysis of given data and models

AND the relevant optional content.

60 marks in total

Grading - A* - E



“We are learning the maths which is actually relevant to our everyday lives.”

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Where can Mathematical Studies lead me?

This Level 3 qualification will consolidate students' mathematical understanding, build their confidence and competence in applying mathematical techniques to solve a range of problems and introduce them to new techniques and concepts that will prepare them for further study and future employment within a broad range of academic, professional and technical fields.

Possible careers include...

Finance - Accountancy - Civil Service - Architecture
Business - Engineer - Economist - Teacher - Forensics

What key skills do I need?

Mathematical Studies aims to prepare students for the mathematical demands of higher education and work where there is a distinct mathematical or statistical element, but where the mathematical demands do not stretch to a requirement for A Level mathematics.

You should have the following skills:

- Problem-solving
- Logical reasoning
- Communication

Entry Requirements

To be able to study Level 3 Mathematical Studies, you must achieve:

- Grade 5 or above in GCSE Mathematics

Exam Board

AQA



Still got questions?



Speak to Mrs Frank for more information

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