

CORE MATHEMATICS

HEAD OF DEPARTMENT

Mrs C Rosa
c.rosa@dallamschool.co.uk

TYPE OF QUALIFICATION

Level 3 Core Maths

EXAM BOARD

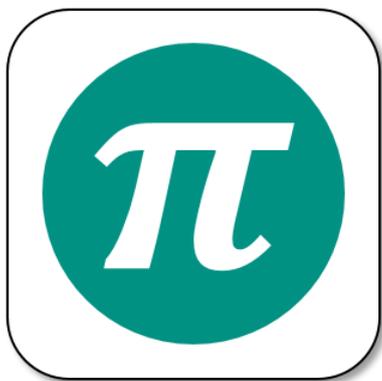
AQA

SPECIFICATION

[Click here](#)

ENTRY REQUIREMENTS

Preferred: GCSE Maths grade 5
Essential: GCSE Maths grade 4



AIMS OF THE COURSE

The aims of this course are to:

- study a mathematics curriculum that is integrated with other areas of your study, work or interest leading to the application of mathematics in these areas
- develop mathematical modelling, evaluating and reasoning skills
- solve problems some of which will not be well defined and may not have a unique solution
- solve substantial and real life problems encountered by adults
- use ICT as an exploratory tool for developing mathematical understanding and when solving problems
- develop skills in the communication, selection, use and interpretation of your mathematics
- enjoy mathematics and develop confidence in using mathematics

COURSE OUTLINE & ASSESSMENT

You will sit two exams at the end of the one year course. Paper 1 (1h30m, 60 marks) covers the analysis of data, maths for personal finance, and estimation techniques. Paper 2 (1h30m, 60 marks) covers the critical analysis of given data and models, the normal distribution, probabilities, correlation and regression.

CAREER PROSPECTS

This Level 3 qualification will introduce you to new techniques and concepts that will prepare you for further study and future employment within a broad range of academic, professional and technical fields. It supports the content in other subjects, notably the sciences, Geography, Psychology and Business.

By studying Core Mathematics, students will have a wider choice of careers pathways and be better equipped for many university courses.

SUBJECT ENRICHMENT



Something to think about...

How many breaths do you take in a year? How does your employer calculate National Insurance payments? How do exam boards decide upon your grade boundaries?



Something to listen to...

There are some really useful YouTube clips on the Core Maths content [here](#) and an interesting podcast from NCETM [here](#).



Something to read...

Studying Core Maths develops quantitative skills that will support your other courses. [Click here](#) to read through how they may help the subjects you've chosen to study.