

# Core Mathematics

## What is Core Mathematics?

Core Mathematics is a course aimed at allowing students to continue to study Mathematics in Years 12 and 13, even if they achieve less than a grade 7 in Mathematics GCSE. The course content is designed to expose students to the sort of Mathematics they will meet in their adult lives, with particular attention paid to elements of Mathematics that are crucial to some professional careers. The following topics feature prominently in the course and should give you a flavour of what the course offers:

Modelling and estimation

Statistical problem solving

Financial problem solving

Probability and risk

Risk in business

Medical screening

Use and abuse of percentages

## Why Choose Core Mathematics?

This course is ideal for students who want to study Economics, Business, Biology or Psychology, or for students who want to continue studying Maths but are not progressing to a Maths A-Level. This course will be a huge help to studies in any of the above subjects. If you are planning on a career in medicine, economics or journalism, or you intend to start your own business, the Core Mathematics course would be a real asset to you.

## Course Structure

The course is split into two strands: Introduction to quantitative reasoning and Critical Maths, which contribute towards the Core Mathematics A qualification. These strands are taught in parallel, with 4 lessons per fortnight. The course could count as your Academic Enrichment option. The course is well regarded by universities and carries the same amount of UCAS credit as an AS-Level.

## Examinations

The course is taught over two years and is examined by two 2-hour written examinations, which are taken in the summer of Year 13.

## For further information please contact:

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