



CORE MATHS (ENRICHMENT) KEY STAGE 5

2023-2024

COURSE

Title : Mathematical Studies (level 3)

Exam Board : AQA

The qualification is designed to prepare students for the mathematical demands of work, study and life. The course has been developed with employers, universities and professional bodies as valuable preparation for higher education and employment.

The course runs over 1 year, assessed in the summer of year 12. It is equivalent to an as course and counts towards UCAS points.

Exams

Paper 1 : 1h 30mins, calculator exam with preliminary material to prepare.

Paper 2 : 1h 30mins, calculator exam with preliminary material to prepare
(the second paper focuses on the statistics element of the course)

COURSEWORK DEADLINES/EXAMS

WHEN

FINAL PUBLIC EXAMINATION	SUMMER 2024
THERE MAY BE FURTHER TESTS DURING THE YEAR TO MEASURE PROGRESS (TBC).	

PROJECTS/SCHEME OF WORK/TOPICS FOR 12 & 13

DURING

UNDERSTANDING AND WORKING WITH DATA	YEAR 12
PERCENTAGES, INTEREST RATES AND FINANCIAL MATHS	YEAR 12
FERMI ESTIMATIONS	YEAR 12
GEOMETRY PROBLEMS	YEAR 12
THE NORMAL DISTRIBUTION	YEAR 12
REPRESENTING DATA	YEAR 12
FURTHER FINANCIAL MATHS	YEAR 12
CORRELATION AND REGRESSION	YEAR 12
PROBABILITIES AND ESTIMATION	YEAR 12

OTHER INFORMATION

A text book will be provided.

It is expected that students will bring their own calculator to lessons (the calculator used for GCSE Maths will be sufficient).

Whilst many lessons will have a familiar feel to Maths lessons at GCSE, some will have a larger element of comprehension work and perhaps small project work (analysing data).