

CORE MATHS – LEVEL 3 (EQUIVALENT TO AS LEVEL)

Core Maths enables you to develop your Maths skills beyond GCSE without studying A Level Maths. Core Maths differs from GCSE Maths. It is more practical-based. You will look at how to use and apply Maths in many different situations. It is particularly suitable for students studying A Levels in Business, Geography, Sciences, Psychology or Computing.

WHY STUDY CORE MATHS AT LEVEL 3 (EQUIVALENT TO AS LEVEL)?

It is A Level 3 Qualification and is equivalent to an AS Level in terms of UCAS points. Universities and employers will increasingly start to look for this qualification from applicants if they have not studied A Level Maths.

“Mathematical problem-solving and modelling is becoming increasingly important in the workplace and in higher education. It is essential young people study Maths for longer to develop greater understanding.”

Professor Hodgen - Kings College London

WHAT WILL I STUDY?

The content areas covered in this qualification are:

- Applications of statistics
- Mathematical modelling using the normal distribution
- Critical analysis of articles and data
- Financial calculations including tax, NI, APR
- Fermi Estimation (estimating the answers to big problems such as how many hours does a dog sleep in its lifetime?)

HOW WILL I LEARN?

Core Maths builds on GCSE Maths with a focus on problem-solving skills. Students will consider and tackle Maths in meaningful contexts through completing scenario-based tasks.

These include:

- Personal contexts: scenarios related to the individual, family or peer group such as use of social networking
- Occupational contexts: scenarios related to the world of work such as should I build or buy a new house, Gantt charts
- Societal contexts: scenarios related to local, national or global communities such as is Palm oil a bad thing? How does life expectancy and birth rates correlate?
- Scientific contexts: scenarios related to the natural world, science and technology such as what is the cost of going green?

WHERE COULD THIS COURSE TAKE ME?

The skills developed in the study of Maths are increasingly important in the workplace and in higher education. Students who study Maths after GCSE improve their career choices and increase their earning potential. Some universities will give lower offers if students have a good grade in Core Maths.

ENTRY REQUIREMENTS	ASSESSMENT COMPONENTS
Grade 4 or above in GCSE Maths.	Exam Board AQA Code 1350A Two exam papers of one hour 30 minutes each taken at the end of the Course.