

Mathematical Studies/Core Maths

Level 3 Diploma

AQA

What you study can be applied on a day-to-day basis in work, study or life and most courses will include a financial maths element. It will also help with other A-level subjects – in particular with science, geography, business studies, psychology and economics.

Course Structure

Syllabus details: • Analysis of data • Maths for personal finance • Estimation • Critical analysis of given data and models (including spreadsheets and tabular data) • The normal distribution • Probabilities and estimation • Correlation and regression

Skills & Knowledge

The skills developed in the study of mathematics are increasingly important in the workplace and in higher education; studying Core Maths will help you keep up these essential skills. Most students who study maths after GCSE improve their career choices and increase their earning potential.

Assessment

At the end of the 2 years, you will sit two exam papers which will be externally assessed, and will count 100% towards your final grade. Throughout the course, there will be constant feedback from your teacher on your progress. There will also be a revision period leading up to these exams.

Opportunities & Enrichment

Mathematics is a very well respected academic subject and can help gain entry to an exceptionally wide range of university courses. As well as being very useful in itself, it is also seen as a good indicator of academic ability and as such is valued both by employers and universities.

Future Careers & Pathways

Employers from all different sectors are also firmly behind the Core Maths qualification. Many roles in today's workplace require high levels of budget management and problem-solving skills; Core Maths will be a useful tool in equipping you with these skills.