

	MATHEMATICAL STUDIES (CORE)	
	Qualification Level	Level 3 Certificate
	Exam Board/ Syllabus	AQA
Contact(s)	Mrs Leeding	

Why Study This Course?

Core Maths is a level 3 Mathematics course for students in Post-16 education who have passed GCSE Mathematics at Grade 5 or above but are not taking A-Level Mathematics.

The course is an excellent opportunity for students to extend their Mathematical understanding. This will be achieved by using Mathematics to solve meaningful and relevant problems with the intention of better preparing students for university, employment and life.

Course Content

Data analysis, Personal finance, Critical analysis, Estimation, Normal distribution, Statistical analysis, Probability, Correlation and Regression.

Course Assessment Pattern/ Structure

The qualification will involve applying mathematics in logical ways to solve more real-life problems. The course will involve statistical analysis as well as financial maths, interest rates, currency conversions and the use of technology to work with data.

Your teachers will inform you which of these modules you will be studying. The decision will be made based on the subjects the class are studying and your mathematical strengths.

Exam Structure

The qualification is equivalent to an AS level, with grades A to E, with the grades having the same UCAS points score as the equivalent AS grade. Exams will be sat at the end of year 13.

Students will sit 2 papers at the end of Year 13. Each paper makes up 50% of the final grade.

Paper 1

This is a compulsory unit with content including Data analysis, Estimation and Personal Finance.

Paper 2

There are three possible modules of study. These are: Statistical techniques, Critical path and Risk Analysis and Graphical Techniques

Higher/Further Education & Career Links

Level 3 Mathematical Studies is designed to support students with the increased level of mathematics being introduced in a range of A-Level subjects including Biology, Business, Chemistry, Economics, Geography, Physics and Psychology. It will also be seen as an asset by many employers who want employees to be more mathematically competent in their careers.

<i>Business & Innovation</i>	<i>English</i>	<i>Expressive Arts & Languages</i>	<i>Humanities</i>	<i>Mathematics</i>	<i>PE</i>	<i>Science</i>
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