



What will Year 12 students learn?

Core Maths – Mathematical Studies is a Level 3 course that covers the practical applications of maths. Topics include statistics, data analysis, finance, shape and number.

It is taken alongside A levels and carries equivalent UCAS points to an AS qualification. It is highly regarded by universities and is ideal for those who are taking any A levels with some mathematical content but who do not want to take Maths A level.

How many lessons will Year 12 students have and what do need to do to get the most out of their lessons?

Students on the 1 year course (there is also a 2 year option offered through enrichment) will have 4 lessons a week.

Core Maths involves a lot of class-based discussion and students will need to be willing to share their ideas and apply their knowledge to real world scenarios.

How much homework will Year 12 students have in this subject?

Students will be expected to complete homework weekly. Sometimes these assignments will be quite involved and could take place over several weeks, for instance writing a report on a particular aspect of the course.

Which careers can this subject lead to?

Core Maths is highly regarded by universities and employers as it provides you with the skills to apply maths in real world scenarios. Some university courses will make a lower A level grade offer if you have a strong Core Maths grade. It is particularly helpful for degrees/careers in Business, Finance, the Sciences and the Social Sciences.

Which other subjects complement this subject?

Core Maths goes well with any subject with a mathematical element if you are not taking Maths A level. This would include Business, Economics, Biology, Chemistry, Physics, Psychology, Sociology and Geography. Many of these involve the analysis of data, which is a fundamental aspect of the Core Maths course.

Which Exam Board and textbooks do you use?

We follow the AQA Level 3 Mathematical Studies (with Statistical Techniques) course, you can find more information here: <https://www.aqa.org.uk/subjects/mathematics/aqa-certificate/mathematical-studies-1350>

We use the Oxford AQA Level 3 Mathematical Studies workbook and textbook.