Level 3 Core Maths

at Conyers Sixth Form

Core Maths is a Level 3 course for students who achieve a Grade 4 pass or above at GCSE Maths. The qualification prepares students for the mathematical demands of work, study and life. The course helps to develop students' mathematical thinking skills and supports courses such as A-level Psychology, Biology, Geography and Business Studies as well as technical and vocational qualifications.

Course content

1. Percentages
2. Financial Maths (Tax, NI, Interest, Inflation)
3. Numerical analysis of data (averages, Measures of spread)
4. Graphical analysis of data (Cumulative frequency, Histograms)
5.   Higher level statistical analysis (Normal distribution)
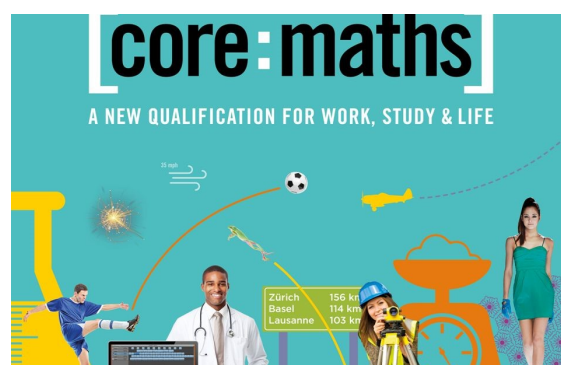6.   Estimation in real-life contexts

Assessments

At the end of year 12 you will take two papers, each 90 minutes long.

Paper 1— Covers general core maths content, including financial maths and estimation

Paper 2— Statistical techniques (including Higher level statistical analysis)

Core Maths gives valuable preparation for the quantitative skills students will need for many degree courses, particularly subjects such as psychology, business-related courses, sports and social sciences, and natural science courses that do not require AS/A Mathematics.

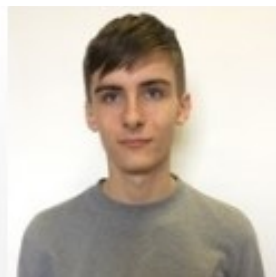core:maths

A NEW QUALIFICATION FOR WORK, STUDY & LIFE

What can you do with Level 3 Core Maths?

The skills developed in the study of Mathematics are increasingly important in the workplace and in higher education. Universities have welcomed the new Core Maths qualification as students will be better equipped with the mathematical skills that are required for many degree courses. Studying Core Maths will help students improve their career choices. Points can often be used to gain entry at point-based universities.

- Problem solving

- Estimating

- Quantitative data analysis

Economics

What you need: 120 UCAS Points (72 with Foundation Year)

"Core maths is a really helpful course to take up. Firstly, it allows you to gain extra UCAS points to make it a little bit easier when it comes to meeting university entry requirements. Also, it links heavily with many other subjects, such as economics, as well as building on GCSE maths. Core maths heavily revolves around maths which will help massively in the future, this being in topics such as tax and national insurance." - Luke

Pharmacy

What you need: A level Biology , Chemistry and one other subject all at A/B

"Conyers Sixth Form has given me the support needed to get me confidently through my A level courses and given me opportunities to find and carry out work experience. Core maths helps boost UCAS points which is helpful when applying to university in year 13. It also relates to other A levels such as psychology, and helps build on prior knowledge from GCSE maths as well as introducing new topics such as tax and national insurance." - Usvah

Core Maths Exam Board: AQA

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