



CORE MATHEMATICS

STAFF

Mrs Hepworth
(Subject
Leader)
Mr Mullaney
Mrs Ellis

SUPPORT

Support sessions take place nearer to exams.

Your teachers are always happy to support you – either come and ask when you need to or email them individually.

INTRODUCTION

Welcome to **Core Mathematics!**

This course was designed to develop valuable mathematics skills and support the study of your other A level courses which have mathematical content.

We use the exam board AQA and the title of the course is Level 3 Mathematical Studies. The course is worth the same as an AS and has equivalent UCAS points. Some Universities such as Leeds will give you reduced offers if you have Core Maths for many courses. You are also at an advantage if your University course gives you a points-based offer.

Specification at a glance

Compulsory content

- Analysis of data
- Maths for personal finance
- Estimation
- Critical analysis of given data and models

Optional Statistics content

- The normal distribution
- Probabilities and estimation
- Correlation and regression

You will be studying the AQA syllabus. You will have 2 teachers – one for Finance (which you see 1 or 2 times a week) and one for Statistics (which you see 2 times a week).



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@MathsHecky

WHAT TO BRING FOR YOUR FIRST LESSON

You will require a pen, pencil and ruler for the first lesson. You can do your maths work in A4 exercise books or on lined paper organised in an A4 folder. During the first few weeks on the course, you will need to buy a calculator, the Classwiz fx-991EX (costs around £19 from school). Students on bursary will receive one of these calculators free of charge.

CLASSWORK, HOMEWORK AND INDEPENDENT STUDY

Core Mathematics is an extra course on top of your 3 A levels, so we aim to cover the full content of the course predominately in class time. Homework is given, but it tends to be short consolidation tasks.

RESOURCES

We do not provide a textbook for students, largely because we have to deal with up to date information and statistics.

However, some students like to have a revision guide to accompany lessons and the course. Should you like to purchase one, we recommend the Oxford AQA revision guide for Mathematical Studies which can be purchased from school for £5.