

FURTHER MATHEMATICS A-LEVEL

For more information please see Mr Smith or Mr Sipple

What is Further Maths?

If you get a grade 7 or above at GCSE you should seriously consider studying Further Mathematics. Mathematics is such a vast subject it is impossible to cover it all in one A Level. A Level Further Mathematics builds on some of the concepts met in A Level Maths and is able to extend these in to other areas. It attracts students who thoroughly enjoy the subject and are keen to extend their understanding and knowledge. You can choose Further Mathematics as one of your three main A Level choices alongside Mathematics. Students who study both actually perform better due to their increased understanding of Mathematics in general.

Why study Further Maths?

Further Mathematics is designed for students with an enthusiasm for Mathematics, many of whom will go on to degrees in Mathematics, Engineering, the Sciences and Economics. Students who study this course go off to University and find the content covered and skills acquired of great benefit. If you are considering a Mathematics or Engineering based degree you may find that some Universities will actually require that you have studied Further Mathematics. It is also good for those students who are considering applying for a competitive degree course, for example Oxbridge entry.

What will I study?

As well as building on Algebra and Calculus introduced in A Level Mathematics, the A Level Further Mathematics Core content introduces Complex Numbers and Matrices, fundamental mathematical ideas with wide applications in Mathematics, Engineering, Physical Sciences and Computing.

How is the course examined?

A Level Further Mathematics will be assessed by three exams at the end of the second year of study. These exams will focus on Core Mathematics and a variety of applied topics.

At Montsaye we use the OCR(MEI) syllabus for Further Mathematics.