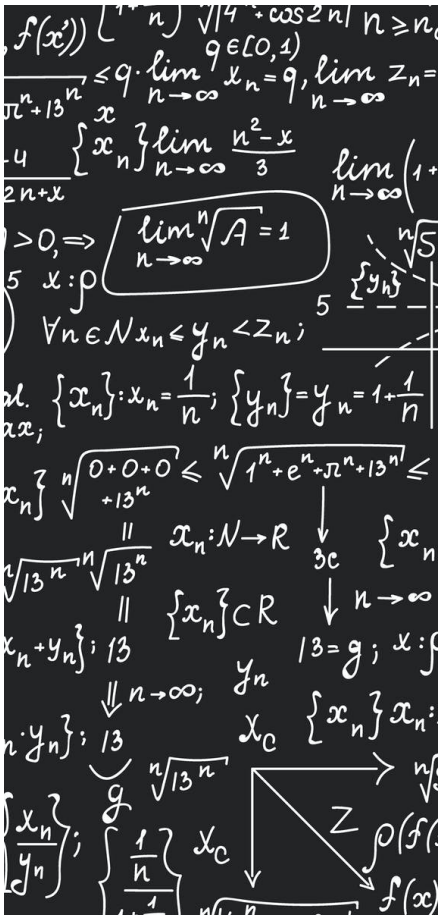
A Level Further Mathematics

DEYES HIGH SCHOOL

Course Details and Assessment



As with A-level Mathematics, Further Mathematics A-level builds upon the work studied at GCSE level and provides the opportunity to develop skills in Pure Mathematics and the application of Mathematics in both Statistics and Mechanics but at a higher and broader level.

Students taking Further Mathematics overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. It is a challenging qualification, which both extends and deepens your knowledge and understanding beyond the standard A level Mathematics. Students who do it often say it is their favourite subject. For someone who enjoys mathematics, it provides a challenge and a chance to explore new and/or more sophisticated mathematical concepts. As well as new learning new areas of pure mathematics you will study further applications of mathematics in mechanics, statistics and decision mathematics.

The details given below are for the AQA exam board. This qualification is linear which means that the exams are all taken at the end of year 2.

How is the course assessed?

Year One

All students will sit a mock exam in the summer term of year 12

Grading - A* - E

Year Two

Paper 1 - A Level
2 hours
Further Pure Maths
100 Marks in total

Paper 2 - A Level
2 hours
Further Pure Maths
100 Marks in total

Paper 3 - A Level
2 hours
Mechanics (50 Marks) Statistics (50 Marks)
100 Marks in total

Grading - A* - E

"Further Mathematics been so useful in my Engineering course."

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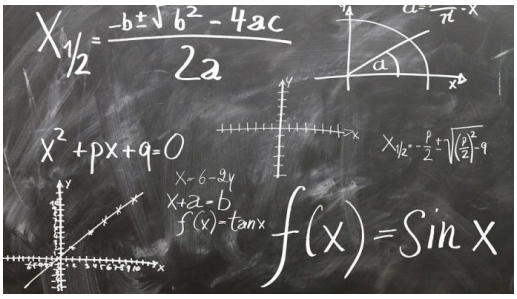
Where can an A Level in Further Mathematics lead me?

Mathematics A Level is essential for study in Mathematics and Engineering courses and strongly underpins other areas such as Science, Economics, Business, Finance, Psychology, Teaching, Games Design, Architecture, Communications, Forensics and Internet Security to name but a few.

Possible careers include...

Finance - Accountancy - Civil Service - Architecture
Business - Engineer - Economist - Teacher - Forensics



What key skills do I need?

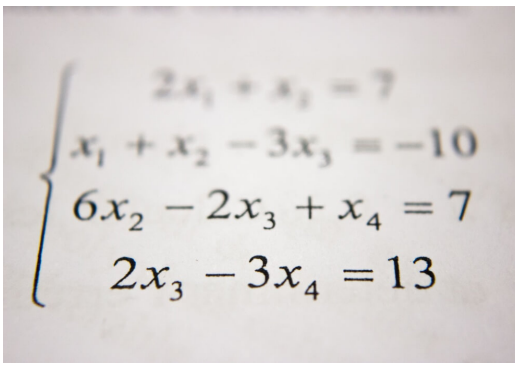
To be successful at studying Further Mathematics you need to have the following skills:

- Problem-solving
- Logical reasoning
- Communication
- Strong algebraic and problem solving skills.
- A genuine love for the subject

Entry Requirements

To be able to study A Level Mathematics, you must achieve:

- Grade 8 or above in GCSE Mathematics together with strong algebra and problem solving skills.



Exam Board

AQA

Still got questions?

Speak to Mrs Frank for more information

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