



WGS6 A Level Options Mathematics FAQ Information Sheet

Which exam board and courses are studied at A level?

Edexcel course 9MA0 for A-Level Maths (and 9FM0 option H for Further Maths)

What skills will studying Mathematics equip me with?

- You will earn a qualification that is very highly valued by institutions when you apply for courses or jobs.
- You will learn to problem solve and your capacity to carry out critical thinking will grow.
- In the workplace, the ability to think and problem solve is highly valued and often leads to promotion.
- A high grade in A-Level Maths shows people that you have grit and brains.

Do I need a specific grade at GCSE to access A level?

- You must gain a **Grade 7 or higher**.
- Maths A level is one of the **most demanding A level subjects**.
- The most important factor is a willingness to work hard and meet deadlines.
- For Further Maths it is recommended that you have a **high Grade 8 or 9 at GCSE** and be prepared to complete Maths problems for a few hours every day.

How is the course structured and how will it be taught?

It is split into two sections: Pure and Applied. 2/3 of the course is Pure, 1/3 of the course is Applied.

Applied Maths is then split into two disciplines: Mechanics and Statistics.

Is there a coursework component?

No.

Who teaches the course?

Pure teachers is taught by: Mrs Efraimidou, Mrs Gordon, Mrs Gavin, Mr O'Connell

Applied teachers are: Mr Houghton, Mr Funston, Mr Hynes

How is the course resourced?

Pure use Dr Frost materials.

Applied use PDFs made in house.

How well do students achieve in Mathematics?

Students achieve great results in mathematics. The harder you work, the better your grade will be.



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Will I need to do a lot of independent study?

For Maths A-Level, it is likely that you will need to do 6 hours of homework and study a week.

Further Maths is particularly demanding. It is likely that you will need to do 12 hours of homework and study a week.

What are typical A level subject choices alongside Mathematics?

Physics has some cross over in Mechanics. Statistics crosses into many subjects in small ways, such as Psychology and Geography.

Do I need to take another subject to support my study of Mathematics?

No.

What subject related extracurricular opportunities are offered at A level?

The UKMT Senior Maths Challenge is offered in October of Year 12 and Year 13, along with visiting speakers from industry with links to mathematics.