

Further Mathematics



Why choose Further Mathematics?

Further Mathematics is an extra A level in Mathematics, it has to be taken along side the normal A level Mathematics and together they result in gaining two 'A' level Grades

What are the GCSE requirements to undertake Further Mathematics?

All of the course requires a very strong knowledge of the GCSE syllabus, Key Stage 4, up to and including level 10, therefore to be successful in Further Maths it would be advisable for students to have achieved a grade A or A*.

Are there any special skills I require for Maths plus Further Maths (Double Maths) ?

As you will be completing 2 'A' levels in Mathematics during the duration of the sixth form, the pace of work will be quicker than Single mathematics. The Further mathematics groups are taught as a separate group for all the modules as you will be taking the subject to a higher level, therefore there is a need to work more independently outside of a lesson environment.

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How many Examinations are there for AS/A2 Levels in Mathematics plus Further Maths ?

External examinations take place in January and June of year 12 and also in January and June of year 13, therefore making examinations very frequent in both years 12 and 13. Further mathematicians will sit the C1 in January of year 12 and C2, C3 components in the June of year 12, together with Mechanics 1 and Statistics 1, with the rest being completed in year 13. Component examinations consist of one paper lasting one hour thirty minutes.

Students wishing to take Further AS/A2 Level Mathematics take the following 6 components from the single 'A' level Mathematics.

Pure Mathematics
Examination papers C1, C2, C3 & C4

Mechanics
Examination paper M1

Statistics
Examination paper S1

They also take six other modules, FP1 & FP2 plus a further 4 components from the following.

Mechanics papers M2, M3

Statistics papers S2, S3

Numerical Methods paper NA

Decision Mathematics paper DD

The Further Mathematics course is taught in seven lessons per week, thus giving students extra time outside of a lesson environment to undertake work such as assignment, research or reading deeper into the subject