

Additional transition information regarding A level maths and further maths

Websites for reading ahead

Once you have worked through the transition material on the school website, you may be in a position where you want to start reading further ahead in the course. To do this we would recommend the following websites:

For video clips explaining the material, tlmaths.com has sections on 'GCSE to A level maths - bridging the gap' or if you click on A level maths followed by 'AS only' you can access all of the Y12 material.

For Powerpoint presentations on each of the topics, go to drfrostmaths.com then click on the 'resources' tab followed by selecting 'Pure 1'.

Course materials

It would be a good idea to purchase the course textbooks in advance, as well as a suitable calculator.

Maths

Edexcel AS and A level Mathematics Pure Mathematics Year 1/AS Textbook

ISBN 9781292183398

Edexcel AS and A level Mathematics Statistics & Mechanics Year 1/AS Textbook

ISBN 9781292183282

Further maths

Edexcel A level Mathematics Pure Mathematics Year 2 Textbook

ISBN 9781292183404

Edexcel A level Mathematics Statistics & Mechanics Year 2 Textbook

ISBN 9781446944073

Calculator

Required: Casio FX-991EX ClassWiz Advanced Scientific Calculator

Optional (and probably not worth the money in our opinion): Casio FX-CG50 Graphical Calculator

Should you consider studying further maths?

Studying A level further maths has numerous benefits:

- it has been shown to significantly improve performance in maths A level
- it is a qualification which is highly sought after for university courses in maths, physics, statistics, engineering, economics and computer science; many courses even reduce the grade offer where further maths is included
- it can be taken as one of your three subjects or as a fourth A level
- it can be taken as an AS level in addition to three A levels
- students who take further maths are usually in a stronger position to prepare for university entrance exams with a mathematical component

If you are awarded a grade 9 in your GCSE maths then this provides an even stronger case for you to consider studying further maths A level