



DENBIGH SCHOOL

Subject

Further Maths

Further Maths Shopping List

Calculator – the GCSE calculators do not have all the functions needed for A level maths and further maths. You must have one of the following:

- CASIO fx-991CW UK 2nd edition (the 2nd edition is much better)
- A graphical calculator such as the CASIO fx-CG 50 or CG 100. These are recommended but not required if you are taking further maths, they do assist with some topics.

Textbooks – we will give you digital access to the textbooks in September. You must have access to them in all lessons, which means you will need one of the following:

- A device such as a tablet or laptop to view the digital versions (not a phone, the screen is not big enough)
- The physical textbooks (available via amazon, bookshops and direct from the publisher):
 - A Level Further Mathematics for OCR A Pure Core Student Book 1 (AS/Year 1): Woolley, Ben, Kadelburg, Vesna. ISBN: 9781316644287 (needed in September)
 - A Level Further Mathematics for OCR A Statistics Student Book (AS/A Level) Kadelburg, Vesna. ISBN: 9781316644409 (needed around November)
 - A Level Further Mathematics for OCR A Mechanics Student Book (AS/A Level): Barker, Jess, Barker, Nathan, Conway, Michele, Such, Janet. ISBN: 9781316644416 (needed around November)
 - A Level Further Mathematics for OCR A Pure Core Student Book 2 (Year 2): Kadelburg, Vesna. ISBN: 9781316644393 (needed towards the end of year 12)

Look out for 2nd hand calculators and textbooks e.g. on eBay or from older students who have completed the course. However, there are some fake CASIO calculators sold on eBay (usually as new) so beware of these – they get some of the stats calculations wrong!

Suggested Reading and Activities

Resources to help you prepare for the course:

On top of the work for maths, here are some questions here that it would be helpful to complete. Identify any areas you need to work on prior to the course and spend time practising these.

[Bridging-the-gap-to-A-Level-Further-Maths.pdf](#)

If the link doesn't work for you, please email me at clarkl@denbigh.net and I will send you the file.

Wider Reading:

The AMSP produces SUMS magazine monthly which is filled with interesting articles on mathematical topics, with an emphasis on preparing for uni. Details on how to access it are here: [SUMS Magazine - AMSP](#)

NRICH has lots of interesting mathematical problems and puzzles: [Students | NRICH](#)
Start with the secondary ones, you might be able to try some of the Post-16 ones too.

Podcasts/ YouTube:

Numberphile

Hannah Fry

Veritasium (science based but with lots of maths)