



## Pre-entry Preparation, Requirements and Recommendations

Welcome to A-Level Maths at Comberton Sixth Form.

### **Preparation**

It is vital that your understanding of all GCSE topics is secure as this will be assumed knowledge in year 12.

Given the current situation, where schools are unable to carry on with face-to-face lessons and supported exam revision activities, your independent work on GCSE topics is more important than ever.

In order to help you with this, CSF are developing a set of revision resources for topics which will be required at A-level.

These resources can be found via this link:

[https://www.dropbox.com/sh/rdsopw506lp8cdl/AAAGfBw\\_5Y5VGpWTdJObyN2pa?dl=0](https://www.dropbox.com/sh/rdsopw506lp8cdl/AAAGfBw_5Y5VGpWTdJObyN2pa?dl=0)

The first topics are already in the dropbox; more will be added as the term progresses.

You should work carefully through each set of resources during this term so that you are fully prepared to complete the summer holiday work which will be e-mailed to you in July.

Your summer holiday work will consist of a pre-course revision booklet. You will be required to hand in the completed booklet work in your first week of the course.

There will be a short algebra test, based on material included in the booklet, in the first week of the course.

### **Requirements**

For the A-Level Maths course it is essential you have a calculator which has enhanced statistical functionality. We strongly recommend the Casio CG50 as our lessons include support with the use of this model.



**Casio CG50 Colour Graphing Calculator**

## Requirements – contd.

These calculators can be ordered from school at the start of the school year. The initial charge via Wisepay will be £70.95. At the end of the course, we have a buy-back facility for machines in good working order which will allow you to recoup some of the initial cost.

An **Integral** account will be required by students. These **must** be ordered via the school using Wisepay at the start of the school year in order to have all the necessary functionality. As a guide, the 2019 price was £5.00 for the year; 2020 is expected to be similar but will be confirmed later.

A Year 12 textbook (**Hodder: AQA A-level Mathematics Year 1**) will be required but please refer to recommendations for details on format / sourcing.

## Recommendations

Unless you particularly want a physical copy of the textbook, you should purchase an e-book which has links into the Integral account thereby providing enhanced functionality.

All textbook purchases should be made via the Hodder representative when she visits the school at the start of the new school year. Hodder always offer CSF a school discount which is superior to any that can be found elsewhere. For the e-book, the cost is likely to be about £9 for a 2-year licence (2019: £8.40)

Please note, if you qualify for a 16-19 bursary, it can be used towards any of the above purchases and will form part of the contribution towards the annual limit.

For more information, please contact Mrs Owen ([iowen@combertonvc.org](mailto:iowen@combertonvc.org)).

Organisation is a key element of success so it would be advisable to make sure that you have materials to support this:

- 2 lever arch files each with 20 file dividers
- A4 lined paper
- Black pens, pencil, ruler

You will need to bring them with you during the first week of term. Your files will be used to store classwork and homework in an organised manner and folders will be checked on a regular basis.

We are looking forward to working with you next year.

In the meantime, if you have any queries about your course, please contact me:

Mrs H Harris, Head of KS5 Mathematics

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