

Mathematics Summer Work for Year 12 2019-20

You will have taken an A Level Maths induction test and received a letter informing you of your result and whether you are **required** to complete some summer work.

Group A: Marks 35 and above out of 47

You have performed well on our assessment, well done! You should have no difficulties coping with the A Level Maths course provided you achieve a Grade 7 or above in your GCSE.

The **Further Maths** course is more challenging so we would expect students studying this course to achieve **a score of 40 or higher**. All students studying Further Maths will be carefully monitored and a review conducted within the first month to identify those who are experiencing difficulties with the material so we can agree a suitable way forward.

Group B: Marks 24 – 34 out of 47

You have shown **some** areas of weakness in your algebraic skills. You should be able to cope with the demands of the A Level Maths course but you are **advised** to brush up your algebra skills over the summer before starting the course in September.

A workbook is available here: [A Level Induction Booklet Questions.docx](#). You should print this out, complete the questions over the summer and bring them into BWS to give to your maths teacher in your first lesson.

Group C: Marks 15 – 23 out of 47

You have shown a number of areas of weaknesses in your knowledge that will limit your progress in A Level Maths, and you will need to **significantly** improve your algebra skills to be able to access the A Level course. I would therefore **suggest** you consider **Core Maths** as an option which will **require you to opt for another A level course**.

If you decide to continue with A Level Mathematics then you **MUST** complete the **workbook** detailed below, and you will also be asked to take a **re-test** at the start of term to assess the need for compulsory extra support during the A Level course.

A workbook is available here: [A Level Induction Booklet Questions.docx](#). You should print this out, complete the questions over the summer and bring them into BWS to give to your maths teacher in your first lesson.

Group D: Less than 15 marks out of 47

I would **seriously recommend** that you **take Core Maths and choose an alternative A level subject to Mathematics**. Algebra skills are fundamental to success at A Level Mathematics and without these you will really struggle to attain any level of success in the course.

The text books that you are required to have are:

1. **Edexcel AS and A Level Mathematics : Pure Mathematics Year 1/AS** published by Pearson.
ISBN 9781292183398
This covers the Pure part of the Year 12 course and retails at £19.99.
2. **Edexcel AS and A Level Mathematics : Statistics and Mechanics Year 1/AS** published by Pearson.
ISBN 9781292232539
This covers the Applied part of the Year 12 course and retails at £9.99.



We will have the option to bulk purchase these in September at a discounted price, a letter will be sent home offering this.

You will also need the following calculator:

Casio Classwiz FX-991EX

Again, we will have the option to bulk purchase these in September at a discounted price.



If you have any questions then please drop me an email.

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