

Summer Work Year 11 into 12

Name of Subject: Mathematics

Summary of the course:

Exam Board: OCR MEI
Course Title: A level Mathematics B (MEI) H640

Subject/unit lead teachers and their contact:

Mrs Lang – Gemma.Francislang@plymptonacademy.tsat.uk
Mr Brown – Matt.Brown@plymptonacademy.tsat.uk
Mrs Cross – Sam.Cross@plympton.academy.tsat.uk

What should I get in preparation for September?

Mathematical equipment: Pen, pencil, ruler, calculator (please see below)
We will provide you with exercise books to do your work in
Textbooks can be borrowed from the faculty in September
Calculators: Please do not buy new calculators as we will be able to sort orders for this in September.

How will this be assessed in September?

Please make sure that you complete, with full workings shown, and mark the questions from the SPARX booklet (do it task). The completion of this will be checked in the first couple of weeks and signed off by the class teacher. These topics will also be set over the first term as Sparx tasks for you to complete as part of the introduction to the course. The topics covered will form the basis of the suitability assessment that will take place early in the course.

Read it:



Please read [this article](#). It will highlight some of the important habits you will need to get into to be successful at A-level Mathematics

Watch it:



[Here](#) is a website with videos of the key skills that you will need to be confident with for A-level mathematics. I highly recommend you watch these as they are a nice summary.

Do it:



Complete the Sparx booklet. Write out each question, show your full method (answers only will not be accepted) and then check using the answer document. Should you get it wrong please use the sparx codes at the beginning of the booklet to access the video from the sparx platform. If you need your password reset, please use the contacts above.

[Question booklet](#)

[Answers](#)

(Optional) Stretch it:



Work through the problem solving worksheets below
Sheet 1: [Counting Problems](#) [Counting Solutions](#)
Sheet 2: [Number problems](#) [Number Solutions](#)

Should you fancy picking up a book to read over the Summer holidays about mathematics (history, problems solving, other) [here](#) is a really useful list of recommended books.

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