

Summer Work Year 11 into 12

Name of Subject: Core Maths

Summary of the course:

Exam Board: OCR MEI

Course Title: OCR Core Maths B (IQR and SPS)

Subject/unit lead teachers and their contact:

Mrs Lang – Gemma.Francislang@plymptonacademy.tsat.uk

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Mr Hefford – Duncan.Hefford@plymptonacademy.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

It would be very beneficial if you have your own laptop or device that you can bring to school.

However, if this is not possible the sixth form can lend you one.

Calculators: You need to have a scientific calculator

How will this be assessed in September?

You will be asked to present the solution to at least one of your chosen questions either as a worked document or through discussion/explanation to the class and should have a written copy to hand into the teacher.

Read it:



Read an article that interests you from [Plus Magazine](#) and write a summary of your findings.
Read the [Quick Maths Magazine](#)

Watch it:



Watch this TED Talk on [How not to be ignorant about the world.](#)

Do it:



Complete and mark the questions from the following two booklets. Make sure you write out the full method to support your answers.

Proportion: [Booklet](#) [Answer](#)

Statistics: [Booklet](#) [Answer](#)

(Optional) Stretch it:



Pick one of the graphs from the webpage [What's going on with this graph](#) and explain what you think is going on in the graph. There is a variety of topics to choose from.

Read other mathematical articles, or watch some videos from [Plus Magazine](#), there are a wide variety of topics available. There are also some interesting puzzles.

Watch some episodes of [numberphile](#), again there are various areas of maths covered here.