



St Peter's KS5 Mathematics

Mathematics - Course Information



Summer Induction Work

An account has been created for you on integralmaths.org

Click on login:



Username: 1492T-(first name initial)(surname)

Password: Changeme123

EG: "Test Account" would login as:

You will need to change your password on first login.

The screenshot shows the login form on the Integral website. It has two input fields: the first contains the username '1492T-taccount' and the second contains a masked password '.....'. Below the fields is a blue 'Log in' button.

If you try to log in and it doesn't work (no account or username not working) please email Mrs McNeil who will look into it for you: mcneill@st-peters.Solihull.sch.uk.



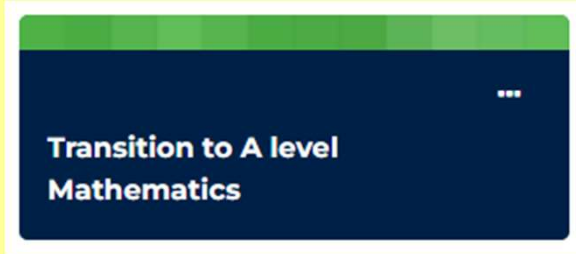
St Peter's KS5 Mathematics

Mathematics - Course Information



Summer Induction Work

Once you have logged in you will see the following course:
This is where all your induction work can be found.



You need to watch the introduction video to access your work. This video will explain how the platform works, how to access the video lessons and assignments. Once you have watched the video click on "Back to course" in the blue box and you will see the home page has updated.

Further Maths students must complete the "going deeper" section of each unit.
This is optional for all other students although it is highly recommended.

Your teacher will be checking this is completed when you return in September. Any work that hasn't been completed will need to be caught up in the first two weeks. Your diagnostic test will also be checking this content is known and understood.

You can also download a certificate at the end of the course with your scores on.



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Exam board: Edexcel

You will have eight lessons of teaching per fortnight, split evenly between two teachers. Lessons will be 75 minutes long.

Both teachers will teach the pure content. The applied content (Mechanics and Statistics) will be split between the two teachers

You will sit three exams at the end of year 13 covering year 12 and year 13 content. Each is worth a third of your final grade:

- 2 pure papers - pure topics could come on either paper. Equivalent difficulty.
- 1 applied paper - half stats, half mechanics.

You must pick A-Level Mathematics if you wish to study A-Level Further Mathematics. You cannot study Core Maths and A-Level maths.

Pure AS Maths content

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Applied AS Maths content

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● = A level only

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● = A level only

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St Peter's KS5 Mathematics

Mathematics - Course Information



A Level Mathematics is **very challenging** so you will be expected to supplement the teaching with independent work. This should be completed during supervised study and at home. You will be provided with a booklet containing some additional tasks for your supervised study periods.

Your teacher will set you homework when they feel it is appropriate (usually at least one piece per week per teacher). Make sure you keep all deadlines. It is important to attempt **all** questions on every homework and if you are stuck **you must come and ask for help**. There will be Maths drop-in support sessions every week after school which will be advertised on Teams in September - do not wait until you are stuck to come to these! Make it a habit early, to attend weekly!

There will be a topic assessment at the end of each chapter. **These are compulsory and your scores will be monitored**. These are in addition to regular homework. Some will be self-marked, and others will be marked by your teacher, with feedback and TIPS provided.

There will be a diagnostic test in the first fortnight of Year 12 for Maths and Further Maths. This will test you on the work you complete over the summer holidays (GCSE level).

You will be given access to the online textbook and drfrostmaths - a small charge is made for this.

For the new A-Level you **must purchase** a calculator which allows you to access statistical tables.

We recommend from Casio:
fx – 991EX ClassWiz

Although, this has been replaced with:
fx – 991CW ClassWiz

Both are approved by Edexcel for use
in all **exams**.

You can buy on the high street, online or
in supermarkets. Amazon often have it on
discount, so have a look over the summer.
Check out Facebook Market Place for
re-sales. Be wary of fakes on eBay!

