



St Peter's KS5 Mathematics

Core Maths - 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.

A screenshot of the login form on the Integral Maths website. It shows two input fields: the first contains the username '1492T-taccount' and the second is a password field with dots. 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, stating you are trying to access the Core Maths induction tasks: 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.



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

Once you have revised/studied each unit you should answer the questions from the "Progress Check".

Your teacher will be checking this is completed when you return in September. Any that are not completed will need to do it 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.



St Peter's KS5 Mathematics

Core Maths - Course Information



Exam board: AQA

Course name: Level 3 Mathematical Studies (Core Maths)

You will have four lessons of teaching per fortnight, split evenly between two teachers. Lessons will be 75 minutes long. You will be assessed throughout the course through regular in class assessments and a mock before your real exam. You will sit a diagnostic test in the first week of year 12 (GCSE content).

There are two exams, each worth 60 marks, each 1h 30mins long.

Paper 1 - 12th May 2026:

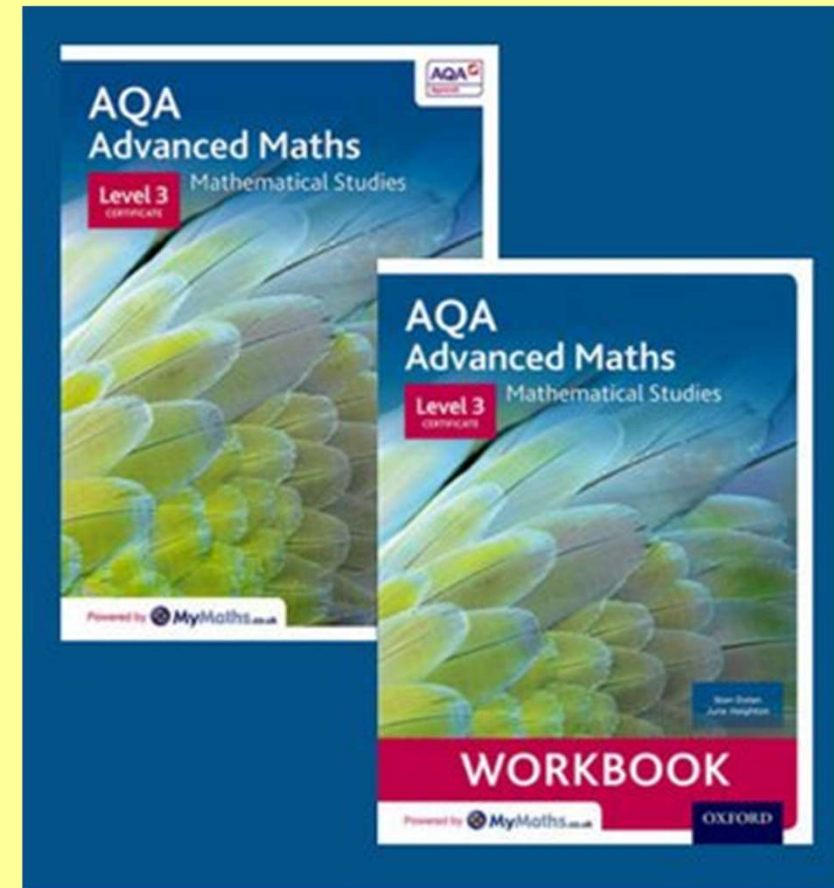
- Data analysis
- Maths for personal finance
- Estimation
- Critical analysis

Paper 2A - 20th May 2026:

- The normal distribution
- Probabilities and estimation
- Correlation and regression

Subject stuff...

- Preliminary material for each exam
- Textbook available
- Workbook available
- Calculator allowed in both exams
- Access to DrFrostMaths website
- Access to IntegralMaths website



For the Core Maths 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 AQA for use
in all **exams**.

You can buy on the high street or online.
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!



CORE Maths

"Sir when am I ever going to use this in real life?"

TAX

Mortgage

Loans

Credit Cards

Percentages

Stats - what all data collection looks like

Sampling - to understand real life concepts

Fermi Estimation

It's short but challenging

Life Beyond St Peter's

Bath



Sheffield



York



Lancaster



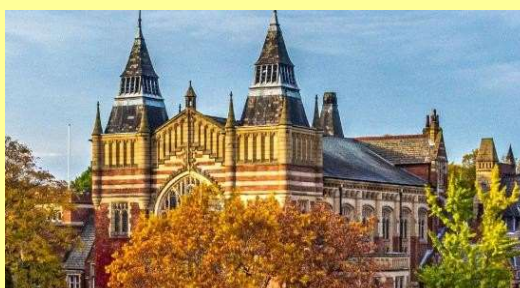
Aston



Exeter



Leeds



Keele



Birmingham



Huddersfield



Leicester



Nottingham



Reduced University Offers

Example: Bath

- For students achieving a **grade B or A in Core Maths**
- Applies to all degrees that **do not require A level Maths**

Typical offer A level	Alternative offer A level
A*AA	AAA
AAA or A*AB	AAB
AAB	ABB

Courses: Architecture, Business Courses, Biosciences, Chemistry, Pharmacy, Education, Health and Sport degrees, Languages, Politics, Psychology, and Social Sciences

Core Maths Research

- [Four Core Maths related research reports](#) from Tim Gill of Cambridge Assessment were published in 2024

Key findings:

- Students taking *CM* were significantly more likely to progress to an HE subject with a quantitative element.
- *CM* students had higher probabilities than non-*CM* students of achieving a first or at least an upper second-class degree in a quantitative subject.
- The results for A Levels show a positive effect of taking *CM* for all subjects and grades apart from Sociology.
- Significant positive effects were seen for Biology (grades A and C), Chemistry (grade C), and Business Studies (grade A).