



$$e^{i\pi} + 1 = 0$$

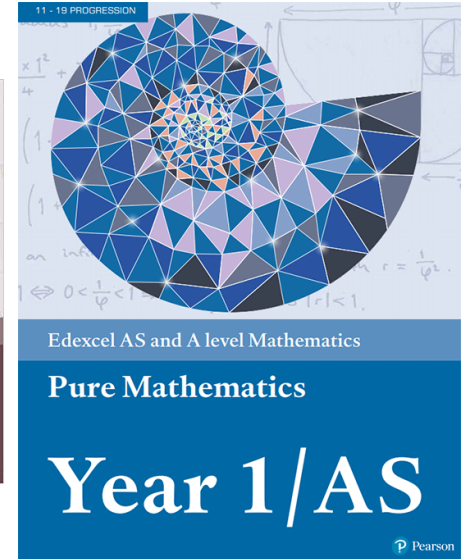
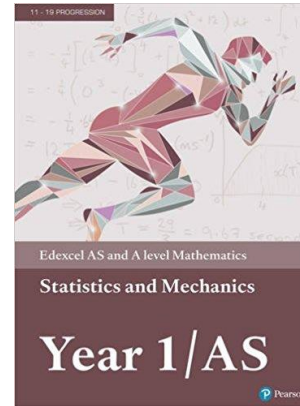
A-Level Mathematics

The Broxbourne School

2020-21

A Level Mathematics Course

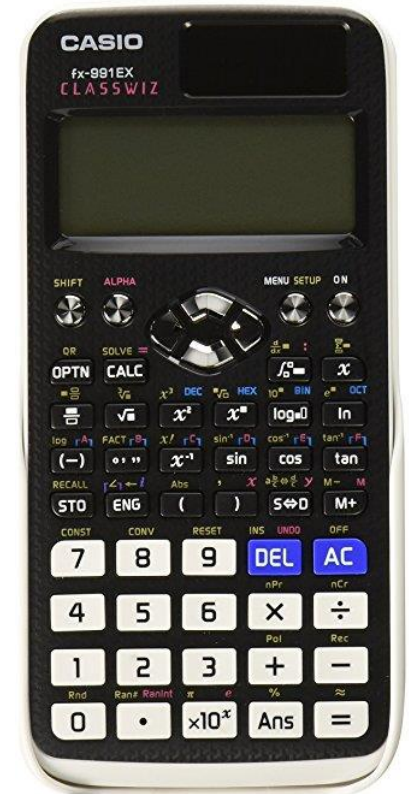
- Core Mathematics ($\frac{2}{3}$)
- Applied Mathematics ($\frac{1}{3}$)
 - Statistics
 - Mechanics



- You must achieve a grade 7 in your GCSE exam to study the course.
- You must also complete your induction assignments over the summer to a **good standard** to allow you to study the course.

What do I need

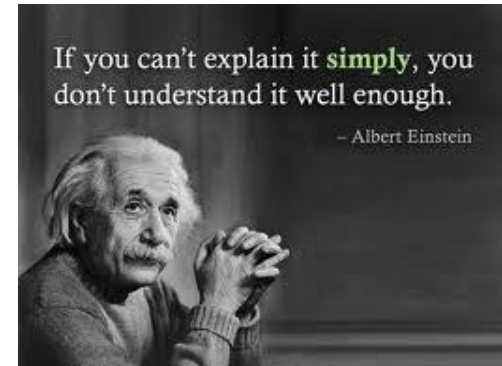
- A folder – you can buy your own, or we will give you one.
- You will also be given an A4 exercise book for each teacher and a homework book.
- Maths equipment
 - Pens, pencils, rubber, ruler, highlighters
- A scientific calculator Casio Classwiz FX-991EX
- Core and Applied text books.
 - Available from the library in September.
- You will be charged a small fee to contribute towards the cost of your resources.



Course Expectations

- Progress is assessed using Topic Assessments and weekly homework tasks.
 - Set on Google Classroom – if you are going to be absent, do them BEFORE you leave and hand them in early.
 - Must be done in the homework book and handed in on time.
- Expect extra homework tasks from each teacher in addition to this.
 - FLIP lessons, certain topics will need to be learned independently before the lesson, evidence must be shown, and then examples and questions done in lesson.
 - Finishing classwork.
- Organisation
 - You must bring your folder with your maths books in it to every lesson
 - You must bring your text book, calculator etc. to every lesson.
- You must review the material taught in lessons that evening and complete additional questions to make sure you understand the material and embed it.
- We expect that you complete your work without a mark scheme.

Student Support



- Maths surgery will be virtual for now
 - Students with difficulties with Topic Assessments, homework or course material should remotely attend.
 - Students who do not produce work to the quality expected and on time will have attendance at surgery made compulsory.
- Students who hand in assignments late will be put into Rehab to complete the work expected.
- Students causing concern will be placed on a learning log to allow us to understand where they are going wrong.
- www.mymaths.co.uk is still a helpful web site. Use it regularly.
- Revision Guides will be available. Get one early and use it.
- Exam packs will be given to you for use throughout the year.

What Now

- Induction Tasks
 - Must be completed over the summer to the best of your ability and handed in during the first lesson in September. Do not complete on the question sheets.
- Reading List
 - There are lots of easy to read and interesting maths books in the library. Read some.
- Bridging the Gap
 - You need to practice the higher level GCSE topics over the summer.
- Induction Test
 - In September there is an induction test. It covers the same material in the induction task, the Head Start Guide and the topics we study in September.
 - You must pass it (50% or better) to continue on the course.