A Level Further Maths

Edexcel

Books you will be provided with:

Core Pure Book 1 and Book 2: Edexcel A level Further Mathematics
Further Mechanics 1: Edexcel A level Further Mathematics
Decision Mathematics 1: Edexcel A level Further Mathematics

Resources you may choose to buy/look at (although these are entirely optional):

None, really. However, the CGP AS and A-Level Further Maths (Exam board: Edexcel) Complete Revision and Practice book ISBN-13 978-1782948698 is a handy revision book that could be a useful resource to complement the course.

Work to be completed by Friday 2nd August: Approximately 3 hours

Grade 9 GCSE level Algebra Review Booklet.
This course depends greatly on your ability to manipulate complex algebraic work with speed and accuracy. For this reason, we have set you some top end GCSE style questions on some of the more challenging algebra topics in the Algebra booklet. Complete the questions, showing full algebraic workings. Mark your work using the mark scheme at the back of the booklet and review each of the sections on the front cover.

If you need a reminder about any of the techniques, you can search for the topic using the "Video Search" key words in each section. There is also a weblink on the VLE version.

A photo of the front page of your booklet should be emailed to jonesn@wallingfordschool.com with your scores and review completed.

Work to be completed by Wednesday 4th September: Approximately 2 hours

Intro to Further Maths Core Pure: Imaginary and Complex numbers.
In your taster session we looked at how imaginary and complex numbers are formed and how we can manipulate them. We would like you to practise these skills by completing the booklet of questions, showing full algebraic workings. Mark your work using the mark scheme at the back of the booklet and review each of the sections on the front cover.

Please bring this work (fully marked and reviewed) to your first lesson in September

Research task: Approximately 3 hours

As Further Mathematicians, we hope you will have an interest in extending your mathematical knowledge at every opportunity. To help with this, we would like you to visit the website: Theorem of the Day. You can either visit it regularly and see which Theorem they have for the day, or you can visit the "Complete listing" and peruse them at your own leisure. Make a note of anything of particular interest, if you want to investigate it further, feel free.