



Getting Started with...

Maths

Welcome!

We've collated some of the most useful things you can be doing to prepare for joining us in the Autumn term and studying Mathematics, and possibly Further Mathematics as well. Work through them in any order, explore anything that you enjoy further and make the most of having time to really broaden your knowledge before we start working together on the A level course. We're looking forward to working with you!

Core skills: Tasks to do before you start in September –

1. Follow the link to look at the A Level Mathematics Specification:
<https://filestore.aqa.org.uk/resources/mathematics/specifications/AQA-7357-SP-2017.PDF>
You don't need to read it all of course, but page 7 gives you an overview of the course, and you might want to read a bit more detail on the pages that follow.

For those of you who will also be studying Further Mathematics, follow the link to look at the A Level Further Mathematics Specification:

<https://www.aqa.org.uk/subjects/mathematics/as-and-a-level/further-mathematics-7367>
Page 7 gives you an overview of the course, and you might want to read a bit more detail on the pages that follow. You will be studying the mechanics and discrete options as well as the compulsory pure maths.

2. Build on the work you have done at GCSE: <https://www.hajc.leics.sch.uk/more/y12maths>

Follow this link and it will take you to the Maths transition materials area on the Hinckley Academy and John Cleveland website. Here you will find worksheets, topic notes, videos and MyMaths tutorials.

Please work through ALL of these materials and make sure that you are happy with all of the content. Take your time - but you will need to have a firm grasp of these techniques before you start your Year 12 studies.

Challenge tasks: Push yourself to develop your skills further

Mathematics is about problem solving and how to use mathematical ideas and skills to interpret real-life situations. You can find problems that develop your knowledge and skills on the NRICH website. Just follow the link: <https://nrich.maths.org/9088>

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Exploring further: Studying mathematics opens up a vast number of future opportunities, interests and career paths.

1. Follow this link to find out more about where your studies in maths could lead you
<https://successatschool.org/advisedetails/186/Why-Study-Maths%3F#>
2. Follow these links to find more about future careers using maths
<https://www.ucas.com/job-subjects/maths>
<https://online.flowpaper.com/79590737/Maths20/#page=1>
3. To find further ideas and generally broaden you knowledge just follow the following link for interesting and thought-provoking books <https://mei.org.uk/books2>

Any questions? Contact us on JC6@hajc.leics.sch.uk