



Maths and Further Maths

Induction Information

The Maths A level course is made up of Pure Maths and Applied Maths (Statistics and Mechanics). Some of the work will be familiar to you, and we build on your current knowledge, and some will be completely new.

To get you back thinking about Maths, we would like you to look at the following two websites:

https://2017.integralmaths.org/management/self_reg_students.php

This takes you to a sign up page for an online Transition to A level course, which will be available from July, you can sign up now and get access in July. This is an online course which will help you to develop fluency in the techniques you will need and to think about the key mathematical concepts that underpin A level Mathematics. If you sign up now you can immediately access the Core Maths Skills course. Core Maths is intended for students who will not be studying A level Maths but will be taking a course with Maths content, for example Biology, Geography, Psychology. When you have completed at least one assessment, a link will appear below to allow you to download a certificate showing your grades for the assessments in this course. Please save or print a copy your certificate to show your teacher in Year 12. If you complete more assessments after downloading your certificate, you will be able to download an updated version.

<https://amsp.org.uk/resource/gcse-alevel-transition-resources>

The amsp have a selection of transition resources broken down into smaller topics. Each one is a powerpoint with a series of questions (and answers) leading to problem solving questions at the end. There is an introductory video to explain how the resources are set up.

Additional Resources:

- Numberphile on You Tube
- chalkdustmagazine.com – magazine for the mathematically curious produced by students at UCL
- www.parallel.org.uk – website by Simon Singh with a puzzle every Thursday