



A Level Mathematics and Further Mathematics

Pre-course work



Pre-course expectations

Success in Sixth Form is largely a function of the amount and quality of independent study you carry out; here's a chance to help you get the very best start to your course. We would like you to complete the work described below and hand it in to your teacher in your first lesson in September. If you have made a late change to your timetable, please complete this work within the first week of starting the course. The work should take you 2-3 hours.

Details of pre-course work

A Level Task:

Complete the five practice sections and self mark your work using the solutions provided.

Complete the Practice test, being sure to show full workings for all questions. Self Mark your work using the solutions provided. **You must bring your marked solutions to your first A Level Maths lesson in September.**

Further Maths Task:

In addition to the above task, please spend 60-90 minutes on the 'stretch yourself' task, showing your workings clearly.

Resources to help you with this work

There are links to videos within the booklet.

The Advanced Maths Support Programme (AMSP) have produced a series of presentations and tasks. <https://amsp.org.uk/teachers/11-16-maths/transition-to-level-3-maths/essential-skills/>

Stretch yourself

Tackle some of the problems from the UK Maths Trust (from 2010) Senior Maths Challenges. Resources available [here](#).