



Summer Preparation Work

Welcome to A-Level Maths! Below you will find your preparation work for this A-Level which needs to be completed over the summer holiday. We expect you to spend around 3-5 hours on it.

This task will help develop your skills in research, working independently and further develop your knowledge of a topic you have already at GCSE (although it may not at first be obvious) – these skills are not only crucial to success on A-Level Mathematics, but are useful for many university courses. Even if it is not the exact Maths you will learn on this course, employers and university lecturers know that you have the ability to look at problems and challenges and find solutions.

Please be aware that prep work is an important aspect of your induction onto all courses at Wilberforce Sixth Form College. Please have this ready to hand in during enrolment or to your course teacher in the first week of lessons.

Kind regards

Sarah Stainthorp

Maths Cross College Coordinator

Task 1 - Research

Research the 'Rules of Logarithms'. We encourage our students to take concise notes during the course so please have ready to hand in no more than 2 sides of A4 of your findings.

You may find these links useful;

<https://www.youtube.com/watch?v=ntBWrcbAhaY>

<https://www.youtube.com/watch?v=2Bu5NG1KIL4>

<https://www.youtube.com/watch?v=pRtHbEVxis0>

Task 2 - Create

Using your newly acquired knowledge design a 'revision aid' to communicate to another student what you have learnt. This can be in any format you choose.

Task 3 - Question

Log onto Nearpod.com and join a lesson using the code TFIZV and follow instructions

Preparation Work Guidance and Requirements

Please allocate staff to complete a sheet for each course in your faculty. Combine BTEC sub dip/dip/ext dip.

The prep work should be open ended and allow students to produce a piece of work that takes from 1 to 5 hours to complete. These will go on the website as a link and the expectation is that students bring these to enrolment, centrally checked during the enrolment process.

Task 1 - Research

Where can they source the information? / What topics will they be researching? (interleaving not just 1st unit) / Why are they carrying out this research? (Link to the intent/destinations of the course).

Task 2 - Create

Course specific task(s) utilising the student's research.

Can be written, drawn, created, built, etc....

The purpose is to engage, enthuse and excite students about the course and give them a broad insight into the skills required and subject content.

Task 3 - Question

A short low stakes quiz assessing what students have learnt from the prep work and an open question asking why they have interest in the course.