



SUMMER BRIDGING WORK 2025

Summer Bridging Work is an important part of your transition to Wilberforce Sixth Form College. This piece of work will count towards your effort grade. Please complete your summer bridging work in time for the start of term.

You are required to bring evidence in paper format and hand this into your subject teacher during your first lesson.

A Level Mathematics

OVERVIEW OF SUBJECT Do you love the challenge of solving problems with numbers? Are you thinking of working in engineering or science? Do you want a better choice of career?

Maths is the purest science, providing support for Physics, Chemistry, Biology, Geography, Psychology, Sociology, Computing, Business Studies and Engineering courses. You will build on your existing knowledge of Algebra and Trigonometry and learn new skills in the study of Calculus, and you will develop your problem-solving skills.

Maths is one of the most useful courses to study, because most jobs and university courses involve Maths in some way. Employers and university lecturers know that you will have the ability to look at problems and challenges and find solutions.

ENTRY CRITERIA: To study A Level Mathematics you need to achieve at least a grade 6 on the Higher GCSE.

SUMMER TASK: Please follow the links below and download the activities. Please bring them to your first session in September.

[KS5 resource index](#) | [PixiMaths](#) click on the box labelled 'Transition Summer Work' as below. Please complete the booklet, you can either print the booklet or work on lined paper.

KS5 Teaching Resources Index

This booklet will help your students transition from year 11 to year 12 more successfully. It includes topics that students will need to be confident with from GCSE to help them achieve in A Level.

Transition Summer Work

LITERACY TASK: Research a famous mathematician and write 300 words and tell us what they are most famous for.

PROGRESSION OPPORTUNITIES: Maths Teacher, Engineer, Accountant, Architect

Below we have listed four careers linked to A Level Maths. You are tasked to research the four careers, choose one that most appeals to you and write a 200-word essay as to why you feel this career would be most suited to you. If your chosen career is not in the list then please feel free to write about that one!

Accountant
Engineer

Data Analyst
Maths Teacher

Kind Regards

A handwritten signature in black ink, appearing to read 'Teresa George', with a stylized, flowing script.

Teresa George

Faculty Head for Maths and Business

If you have any queries regarding your Summer Bridging Work, please contact Sarah Stainthorp via email SHS@wilberforce.ac.uk she will aim to respond before your enrolment appointment.