SUMMER BRIDGING WORK 2023

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 present evidence electronically and submit this to your subject teacher during your first lesson.

INFORMATION TECHNOLOGY

OVERVIEW OF SUBJECT

T Levels are new, two-year, technical study programmes (similar to apprenticeships) designed with employers to give young people the skills that industry needs. They are career-focused, with a significant industry placement allowing you to develop the knowledge and skills you need to compete for the best university places, higher/degree apprenticeships and highly skilled careers.

T Levels are for young people who are academically strong and ambitious to get ahead in high-level technical occupations (next level skills for next level jobs). They provide the chance to learn what a real career is like while studying.

T Levels will offer you a mixture of classroom learning and 'on-the-job' experience during an extended industry placement of at least 315 hours (approximately 45 days). They will provide knowledge and experience needed to open the door into skilled employment, further study or a higher apprenticeship.

ENTRY CRITERIA

You will need four 9-5 (A*-C) grades at GCSE or equivalent in four or more subjects, including a minimum grade 5 in GCSE English Language, Maths and Science.

TASK 1 – LITERACY TASK:

A medium sized further education college requires new infrastructure for 3 PC rooms. 2 PC rooms will be used for standard office-based coursework with one PC room being for Computer Aided Design. The rooms will need to be appropriately networked and have access to a printer and a router and switch.

Your task is to research the hardware and software required to implement these rooms.

You will need to justify to the business manager your choices.

TASK 2 – NUMERACY TASK

As an extension of the Literacy Task above, produce an itemised breakdown of the costings of each item of computer hardware.

How much money will you spend on each item of hardware. How many pcs/rooms do you have to equip?

For this task, you have been allocated a budget of £5,000.

As part of this task, you are also required to JUSTIFY your spending choices.

TASK 3 – PROGRESSION OPPORTUNITIES

Below we have listed four careers linked to Information Technology:

Website Designer
Games Developer
Cybersecurity Specialist
Database Administrator

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.

PLEASE COMPLETE ALL THREE OF THE ABOVE TASKS AND SUBMIT YOUR ANSWER HERE:

https://tinyurl.com/3ru24y4v

If you have any queries regarding your Summer Bridging Work, please contact me via email **DJH@wilberforce.ac.uk**
I will aim to respond before your enrolment appointment.

Kind regards

Mr. David Hastings
Faculty Head for Digital, Engineering and Sport