



## **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**

Your new BTEC qualification takes a unit-by-unit approach to provide you with practical, work-related knowledge. Some of the units you will study will be assessed by your teachers and some by the exam board. This is a full-time course and over two years you will complete a number of topics linked to Digital Support Services.

#### **ENTRY CRITERIA**

You will need three grade 3's grade at GCSE or equivalent in four or more subjects, including a minimum grade 3 in GCSE English Language, literature Maths or 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](mailto: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**