**Getting ready for college**

|  |  |
| --- | --- |
| Subject  | Python Programming |
| Level | 2 |
| Qualification  | Work skills based - Digital |
| Exam board / awarding body | BTEC Pearson |

**Getting ready to study**

Part of the L2 IT program you will be developing basic programming skills in Python. Programming is a transferrable skill and highly sought after by employers. People with programming skills are more likely to gain university offers and job offers. It will also prepare you for L3 as there is quite a bit of programming involved at L3. It does not matter what programming language you study because the foundations are similar and you can use the same principles in different languages but for L2 we will just concentrate on Python.

During your programming lessons you will be introduced to a number of new words and you will need to understand these words and their definitions. To help you get a head start with your programming you can research the following programming words and come up with definitions. You may also choose to look for examples of these words in Python.

Please feel free to use a table or similar below to document your findings and I look forward to seeing your answers when you join us in the new term.

**Print -**

**Variable -**

**Integer -**

**String -**

**Loops -**

There are lots of useful Youtube tutorials to help you with the basic understanding of Python. It would be great if you can create a small program that says; Hello (yourname) and asks you for your age.

You don’t need to download Python, if you go to Google and type in **repl.it**, that should take you to a page with lots of online versions of different programming languages. Scroll to the bottom and click on Python. Why dont you have a go and I will look forward to seeing you all in the new term.