



# Knowledge Organiser: SUMMER 1

## Year 6 Computing: Python (Module 1)

Vocabulary	Meaning
illegal	against or forbidden by law
sequence	steps completed in a particular order to complete a task
variable	used to store information which will be used by a computer program at another time
program	instructions telling the computer what do do. These instructions are written using code
algorithm	a process or set of rules to be followed in calculations by a computer
conditional statements	a set of rules which only come into effect if a certain condition or rule is met
indentation	start of position (a line of code) further from the margin that then main part of the code
debug	to identify and remove errors from a code
loops	where a piece of code is repeated a set number of times
append	add or include information at the end of the code or document
code	to set out instructions which is designed to insinstruct an application to perform a function
key	to interpret the code into a user friendly name that is easier to recognise e..e. colour name
brackets	the part of the code where the user friendly information is stored and shown

### Key knowledge – Digital Footprint

#### Digital Footprint



Any information that is connected to you can show up as your digital footprint. For example, If an employer or university searches for you, they will also be able to see information that you have been tagged in or associated with.

### Key knowledge – Python



Python is a high-level general purpose programming language. It uses a text-based syntax (arrangement of words and phrases).

```
trinket Run ? Modules Share
main.py
1 #!/bin/python3
2
3 born = input ('What year were you born?')
4 born = int (born)
5 print(2025 - born)
6
```