



Y9 Comp1 Knowledge Organiser

	Key Term	Definition	Examples
Computer Science	Process	The thinking and doing part of a computer. A set of instructions to get something done.	Checking the temperature to see if the air con needs to be turned on cold.
	Binary	Base 2 maths. The language of computers.	1101 = 13
	Data	Raw facts and figures.	4,56,3,5,Bob, green.
	Variable	A value that can change.	Name="Bob", Name="Dave"
	String	Data type that can hold letter, numbers, words, symbols	"Bob", "DE45 7GH", "Hello, how are you?"
	Integer	Data type that can hold a whole number.	5, 7, 8, 45
	Float	Data type that can hold a decimal number.	5.6, 7.55,12.5
	Iteration	Repeating a set of instructions.	Repeat 4: Alarm on, wait 1, Alarm off, wait 1
	Selection	There is a choice of ways to go.	Python uses IF statements, if the test is true, then the code executes.
	Sub-routine	A separate chunk of code that does a particular job. They only run when called. Can be reused.	Def Inputnumber: number=input("what is your number?" print(number)
Creative iMedia	Pre- production	Tasks that need to be completed first to ensure a quality product is created.	Moodboard, Storyboard, Script, Visualisation diagram
	Client	The customer, the person that wants you to make something.	My client is the owner of a skateboarding shop
	Target Audience	Who a product is aimed at, can be described in terms of age, gender, education, etc	My web site is aimed at teenagers who are interested in skateboarding.
	Visualisation	Sketch of what the finished product should look like.	Sketch of poster – showing what goes where.
	Bitmap	Image where the colour of each pixel is stored. Difficult to enlarge – becomes pixelated.	
	Vector	Image that uses shapes and maths to store colours. Images can be easily resized	
	Export	To set the properties of digital media	File → Export → To disk → pic.jpg
	File Format	The file type a file is saved as.	.doc, .ppt,.png,.jpg

