





Y8 Comp1 Knowledge Organiser

	Key Term	Definition	Examples
Control	Sequence	The order in which instructions are executed.	1) Wake up 2) Get dressed
	Input	A way to get data into a computer.	Switch being pressed. Temperature reading taken.
	Output	A way to show results or an action.	Something turns on or off.
	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.	Flowol uses decisions that have Yes and No routes.
	Sub-routine	A separate chunk of code that does a particular job. They only run when called.	Sub Fire: Fire on
Python	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
	Float	Data type that can hold a decimal number.	5.6
	Syntax	Rules and patterns of how instructions should be written.	print("Hello World") = correct syntax print "Hello World" = incorrect syntax
Websites	Internet	Hardware. A global computer network that includes computers, servers, cables, tablets.	Servers, mobile phones, cables.
	Web browser	Software we use to access the Internet.	Internet Explorer, Safari.
	Web authoring	Using software to create a web site.	Serif Web Plus, Dreamweaver.


Flowchart symbols




Terminator – Start/End




Flow arrow




Input or Output



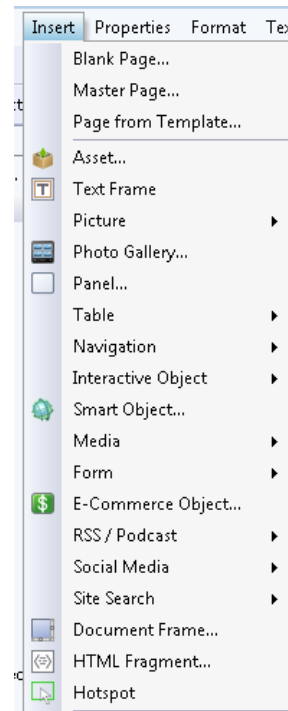
Decision



Process – delay, calculation



Sub Routine



Serif WebPlus

The Insert menu can be used to add lots of different elements to your web page.

Interactive objects add more interest and can give something for the viewer to do.