

Keywords: Summer 1

Year 8 COMPUTING

Topic Title: ALGORITHMS

Logical set of instructions to solve a problem or carry out a task.

Keyword	Definition
Variable	Used to store assigned data
Assign, assignment	An action that sets the value of a variable or constant
Sequence	Steps/instructions carried out in the order in which they are written
String	A sequence of characters e.g. name, address, written in " ".
Integer	Whole number/numbers e.g. -1, 0, 253
Real/Float	This is used to hold numbers with decimal points, for example 3.14, 1234.0, -5.2
Boolean	A single value of either TRUE or FALSE
Concatenation	Joining strings together
Selection (programming structure)	Allows the computer to make a selection between alternative conditions; decisions choice, if/else
For loop	A count controlled loop. Repeats instructions, code a certain amount of times based on range set.