

Keywords: Summer 1

Year 7 COMPUTING

Topic Title: FLOWCHARTS

Represent Algorithms using Flowchart Symbols

Keyword	Definition
Algorithm	Set of steps or instructions to solve a puzzle or complete a task.
Flowchart	A visual way of representing the steps and flow of instructions for an algorithm
Terminator symbol (Rounded rectangle/oval)	Used to show the start and end of an algorithm
Process symbol (Rectangle)	Used for an action to take place e.g. walk forward 100, $c=a+b$ etc.
Decision symbol (Diamond)	Used to allow a yes/no, True/False decision to be made
Input / Output symbol (Parallelogram)	To allow data to be inputted into an algorithm or outputted from an algorithm
While Loop	A condition controlled loop, will repeat instructions/steps while a condition is True
Feedback loop	Will repeat instructions based on a condition being met.