Computer Science

Year 11 Mock Revision List – Mock 2

See knowledge Organisers on Website

Keywords and Concepts	*Algorithm*
	Decomposition
	Abstraction
	Sequence, Selection & Iteration
	Flowcharts & Pseudocode
Programming Theory	*Variables, assignment and scope*
	Declaration and data types
	Constants
	Selection (IF Statement block)
	Iteration (FOR, WHILE and REPEAT loop)
	Nested Selection and Iteration
	Subroutines (Procedures & Functions)
	Data Structures
	String Handling
Pseudocode	*Pseudocode for all the above programming theory*
	Comparison and arithmetic operators
	Logical operators (AND, OR and NOT)
	Reading and Writing to a text file
	Comments in programming
Language and Translators	*Machine code, assembly language and high-level language*
	Assemblers, compilers and interpreters
	IDE's and features of them
Searching	*Linear search and Binary search*
Sorting	*Bubble sort and Merge sort*