COMPUTER SCIENCE Y10 Mock Assessment 1 Checklist

Student Checklist			
Primary Storage	R	A	G
I can identify the key purpose and features of primary storage			
Secondary Storage	R	A	G
I can describe the key purpose and features of secondary storage			
I can make comparisons between types of secondary storage			
I can identify the key features of storage important to a given scenario			
CPU Performance & FDE Cycle	R	A	G
I can identify the key purpose and features of a CPU			
I can describe factors that affect CPU performance			
I can identify the key purpose and features of CPU registers			
I can describe the steps of the FDE cycle			
Fundamentals of Programming	R	A	G
I can identify the three basic programming constructs (sequence, selection and iteration)			
I can identify & trace variables through a given program			
I can create an algorithm (in pseudocode or Python) to fulfil given criteria			

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Computational Thinking	R	A	G
I can identify the key features and purpose of the principle of computational thinking (abstraction, decomposition)			
Searching & Sorting Algorithms	R	A	G
I can apply searching algorithms (linear or binary) to a given data set			
I can apply sorting algorithms (bubble, merge or insertion) to a given data set			
I can effectively communicate the steps required			

Computer Science	Link (add revision links- page no or online)
Google Classroom Lesson Resources	https://classroom.google.com/c/NzEwOTkyODcyMzUx
Craig & Dave Videos for J277 OCR GCSE	https://student.craigndave.org/j277
Ada Computer Science for OCR GCSE	https://adacomputerscience.org/topics?examBoard=ocr&stage=all
W3 Schools Python Tutorials	https://www.w3schools.com/python/default.asp