



## COMPUTER SCIENCE Y12 Mock Assessment 1 Checklist

Student Checklist			
<b>System software &amp; Software generation</b>	R	A	G
I can describe the features and functions of utility software			
I can describe the features and functions of operating systems			
I can describe the practical applications of virtual machines			
I can describe the 4 stages of compilation			
<b>CPU and FDE cycle</b>	R	A	G
I can identify the key purpose and features of CPU registers			
I can describe the steps of the FDE cycle			
I can describe interrupts to the FDE cycle			
I can describe the key features of Von Neumann and Harvard architectures			
<b>Primary storage</b>	R	A	G
I can identify the key purpose and features of RAM and ROM			
<b>Fundamentals of Programming</b>	R	A	G
I can create an algorithm (in pseudocode or Python) to fulfil given criteria			
I can trace the purpose and values stored in variables through given programs			



## COMPUTER SCIENCE Y12 Mock Assessment 1 Checklist

I can describe the purpose and function casting			
<b>Computational Thinking</b>	<b>R</b>	<b>A</b>	<b>G</b>
I can identify the key features and purpose of the principle of computational thinking (abstraction, decomposition)			
I can apply the methods of thinking procedurally			

Computer Science	Link (add revision links- page no or online)
Google Classroom Lesson Resources	<a href="https://classroom.google.com/u/1/w/NzExMDEwMDM3NzY3/t/all">https://classroom.google.com/u/1/w/NzExMDEwMDM3NzY3/t/all</a>
Craig & Dave Videos for H445 OCR A-Level	<a href="https://student.craigndave.org/h046-h446">https://student.craigndave.org/h046-h446</a>
Ada Computer Science for OCR A-Level	<a href="https://adacomputerscience.org/topics?examBoard=ocr&amp;stage=all">https://adacomputerscience.org/topics?examBoard=ocr&amp;stage=all</a>
W3 Schools Python Tutorials	<a href="https://www.w3schools.com/python/default.asp">https://www.w3schools.com/python/default.asp</a>