Computer Paper 1 – Computing Principles			
Student Checklist			
CPUs & Primary Storage	R	A	G
I can describe the purpose and function of CPU components			
I can describe the purpose and function of CPU registers			
Threats to Computer Systems	R	A	G
I can describe potential threats to computer systems			
I can describe solutions to the threats			
Privacy, Ethical & Legal Impacts	R	A	G
I can describe the ethical, legal & privacy issues for a give of scenario			
I can link my answer directly to a given scenario			
I can identify legislation that is relevant to given scenarios			
Data Representation	R	A	G
I can calculate file sizes			
I can describe how characters, images and sound are represented digitally			
I can explain the purpose and function of compression			

Networks, Topologies & Security	R	A	G
I can explain factors that affect network performance			
I can describe the DNS process			
I can describe the purpose and function of network hardware			
I can identify the purpose of different protocols			
Primary and Secondary Storage	R	A	G
I can describe the purpose and function of primary storage			
I can describe the purpose and function of secondary storage			
I can describe appropriate storage for given scenarios			

Computer Paper 2 – Algorithms & Programming			
Student Checklist			
Search & Sort Algorithms	R	A	G
I can describe the process of sorting algorithms			
I can describe the process of searching algorithms			
Boolean Logic & Algorithms	R	A	G

I can create logic circuits from a given scenario			
I can create flowcharts from a given scenario			
Fundamentals of Programming	R	A	G
I can write Python programs to follow given criteria			
I can use sequence, selection and iteration.			
I can identify inputs and outputs from a given program			
I can trace variables and outputs from a given program			
I can describe maintainability techniques			
I can describe the purpose and function of different data types			
I can describe how computational thinking techniques are used			
Programming Techniques	R	A	G
I can create algorithms using functions & procedures			
I can create algorithms that use input validation			
I can identify suitable test data for given programs			
I can identify errors in given programs			
I can write SQL statements for a given scenario			

Computer Science	Link (add revision links- page no or online)
OCR Ada Computer Science	https://adacomputerscience.org/topics?examBoard=ocr&stage=all
BBC Bitesize OCR Computer Science	https://www.bbc.co.uk/bitesize/examspecs/zmtchbk
Craig & Dave OCR GCSE Videos	https://student.craigndave.org/J277
W3 Schools: Python Tutorial	https://www.w3schools.com/python/