Computer Science

Your Y11 Mock Exams	**How best to revise for this subject:** (activities, how long, when, revisiting ideas ...)
Title and length of paper(s): Paper 1 - Computer Systems – 90 minutes Paper 2 - Computational Thinking, Algorithms and Programming – 90 minutes **Style(s) of question:** Paper 1 – This paper consists of multiple-choice questions, short response questions and extended response questions. Paper 2 – Additional section testing student ability to write or refine algorithms, must be answered using either the OCR exam reference language, or similar high-level language (Python)	Start early with answering exam questions. - Identify the topic that the question is testing. - Check your notes and revision guide for the key understanding. - Have a go at the exam question without using your notes. - Then, using a different colour, use resources to improve your answer. [This is your new learning]. - If you have access to a mark scheme, make further improvements in a third colour. Identify which topics you are finding tricky. Focus on these by: - using Smart Revise - using GCSEPod - making flashcards for key points [Hint – put a diagram on one side of the card and bullet point key ideas on the back.] Use these to test yourself the next day / in a week / just before the exam - trying exam questions on these topics (again)

Themes to be assessed (on each paper):	**Resources:** (incl. page refs / websites etc)	
Computer systems This component will assess: • 1.1 Systems architecture • 1.2 Memory and storage • 1.3 Computer networks, connections and protocols • 1.4 Network security • 1.5 Systems software • 1.6 Ethical, legal, cultural and environmental impacts of digital technology **Computational thinking, algorithms and programming** This component will assess: • 2.1 Algorithms • 2.2 Programming fundamentals • 2.3 Producing robust programs • 2.4 Boolean logic	Smart revise https://smartrevise.online/Account/Login Seneca https://senecalearning.com/en-GB/blog/free-ocr-computer-science-gcse-revision/ Revision guides Craig N Dave videos on YouTube https://www.youtube.com/@craigndave/playlists?view=50&sort=dd&shelf_id=2 Using Cornell notes built up during the course. GCSE Specification https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf	

What support could be happening in lessons?	**What could I expect for homework?**
- Break downs of subject specific exam technique - Past paper practice - Recapping previous topics to help you revise - Learning the Algorithms topic in lessons to ensure the knowledge is fresh	Smart revise sessions Recapping Crag N Dave videos Exam question marking practice