

Formal Mock/Assessment Week Exam

Year Group:	11
Subject:	Computing

Details of mock exam

Paper to be sat:	Paper 2
Topics to be covered in the mock:	• Compression: Run Length Encoding (not Huffman) • Binary, Denary, Hexadecimal and units of storage (b, B, KB etc) • ASCII, Images and sound • Logic Gates and truth tables • Software • Hardware (internal components only, especially CPU) • Databases and SQL • Networks • Types of programming languages and translators • Cloud Storage (in relation to topic 3.8) • Cyber Security

Materials to support your revision

Link to Online Resources:	https://www.youtube.com/@Knowitallninjalearn/playlists https://www.youtube.com/playlist?list=PL8dPuualjXtNIUrzyH5r6jN9ullgZBpdo https://erevision.uk/ https://www.gcsepod.com/ https://app.senecalearning.com/ https://isaacomputerscience.org/topics/gcse#aqa
Link to exemplar questions or past papers to use:	https://www.aqa.org.uk/subjects/computer-science-and-it/gcse/computer-science-8525 look for “Paper 2” question resources
Link to model answers or mark schemes:	https://www.aqa.org.uk/subjects/computer-science-and-it/gcse/computer-science-8525/assessment-resources (look for “Paper 1” and “Paper 2” mark scheme and student response resources)
Recommended revision guides:	Text books/Revision guides: ISBN numbers: 978-1910523254, 978-1510484306, 978-1-789086126 Relevant sections based on topics covered above
In house booklets:	None – own class books are full of notes and practice questions. Self-created revision tools (made in class and for homework)
For essay subjects and longer answer questions – suggested question titles for practice:	(typically linked to 3.8) Explain how magnetic storage works Explain the purpose of ROM in a desktop computer Discuss the recent growth in the use of cloud storage Evaluate the cyber security needs of (a specified) scenario