Formal Mock/Assessment Week Exam

Year Group:	11
Subject:	Computing
Tier (if applicable):	

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 and Hexadecimal • Image and sound storage, representation and file sizes • Logic Gates and truth tables • Software • Hardware (internal and external) • SQL • Networks • Types of programming languages and translators • Wearable devices • Cyber Security

Materials to support your revision

Link to Online Resources:	https://www.youtube.com/@Knowitallninjalearn/playlists https://www.youtube.com/playlist?list=PL8dPuuaLjXtNlUrzyH5r6jN9ulIgZBpdo https://erevision.uk/ https://www.cambridgegcsecomputing.org/ (different exam board but lots of excellent content) – use navigation to access the sections detailed above https://craigndave.org/free-videos/ https://www.gcsepod.com/ https://app.senecalearning.com/ https://isaaccomputerscience.org/topics/gcse?examBoard=all&stage=all#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	Explain how optical storage works Explain the purpose of ROM in a desktop computer Discuss the recent growth in the use of cloud storage

question titles for practice:	Evaluate the cyber security needs of a (specified) scenario