Computing Formal Mock/Assessment
Week Exam

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

Details of mock exam

Paper to be sat:	Paper 1
Topics to be covered in the mock:	Python code – understanding and writing your own Pseudo code – understanding and writing your own Search algorithms Trace tables Testing Syntax and Logic errors

Materials to support your revision

Link to Online Resources:	erevision.uk https://revisecs.csuk.io/ https://www.youtube.com/playlist?list=PL8dPuuaLjXtNlUrzyH5r6jN9uIlgZBpdo 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/gcse/computer-science-8525/assessment-resources?secondaryResourceType=Question+papers Look for **Paper 1B** resources https://www.aqa.org.uk/subjects/computer-science/gcse/computer-science-8525/assessment-resources?secondaryResourceType=Practice+questions
Link to model answers or mark schemes:	https://www.aqa.org.uk/subjects/computer-science/gcse/computer-science-8525/assessment-resources?secondaryResourceType=Mark+schemes Look for **Paper 1** resources
Recommended revision guides:	ClearRevise Computer Science 8525 ISBN numbers: 978-1910-523254 AQA GCSE (9-1) Computer Science 8525 (Textbook) ISBN: 978-1910-523223 AQA GCSE Computer Science ISBN: 978-1510-484306 Relevant chapters 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:	A group of people have a meal in a restaurant.
	
	Instead of one person paying for the whole meal, each person will pay for what they eat.
	
	Write a Python program that asks each person in the group how much they are paying towards the meal and works out when the bill is fully paid. Each person can pay a different amount.
	
	The program should:
	• get the user to enter the total amount of the bill
	• get a person to enter how much they are paying towards the bill
	• subtract the amount entered from the bill:
	  o if the amount left to pay is more than 0, output how much is left to pay and repeat until the amount left to pay is 0 or less
	  o if the amount left to pay is 0, then output the message Bill paid
	  o if the amount left to pay is less than 0, then output the message Tip is and the difference between the amount left to pay and 0
	
	You should use indentation as appropriate, meaningful variable name(s) and Python syntax in your answer.
	
	(8 marks)