Planned Co-Curricular Sessions Handout January 2025 Parents Evening

Advance notice for Computer Science Interventions .

Intervention Sessions are planned to take place on Thursdays - after school in Room 113 - prompt start at 15:15. The scheduled start date (at this time is just after the Year 11 have completed their GCSE Computer Science Exam. **Dates may be subject to change.**

DATE	TOPICS BEING REVISITED	UNIT	COMMENT
5/6/2025	Storage Units and Binary Arithmetic	UNit 3	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
12/6/2025	Representation of Characters	UNit 3	
19/6/2025	Images and Sounds	UNit 3	
26/6/2025	Compression	UNit 3	
3/7/2025	Algorithms, Decomposition, and abstraction.	Unit 1	Year 10 Mocks are planned in for End of June 2025, and will include elements from **topics studied**
10/7/2025	Flowcharts and Pseudo Code	Unit 1	
17/7/2025	Program Cycle Plan, Build, Test	Unit 1	
Summer Break - ideal opportunity for Revision and Focus on all topics. Including the set Summer Task			
11/09/2025	Searching and Sorting	Unit 1	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
18/09/2025	Recognising Sequence Selection Iteration	Unit 1	
25/09/2025	Arrays and Records	Unit 1	
02/10/2025	Procedures and Functions	Unit 2	
9/10/2025	Determining Purpose with Trace Tables	Unit 2	
16/10/2025	Boolean Logic	UNit 4	
OCT HALF TERM FORTNIGHT - ideal opportunity for Revision and Focus on all subjects			
13/11/2025	Application of System Software	UNit 4	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
20/11/2025	Languages and Translators	UNit 4	
27/11/2025	Systems Architecture	UNit 4	
4/12/2025	The CPU Structure and FDE	UNit 4	
11/12/2025	Memory and Secondary Storage	UNit 4	
18/12/2025	wired and wireless networks	UNit 5	
CHRISTMAS BREAK 2 WEEKS - ideal opportunity for Revision and Focus on all subjects			
8/1/2026	network topologies	UNit 5	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
15/1/2026	network security	UNit 5	
22/1/2026	protocols and layers	UNit 5	
29/1/2026	Social Engineering and Malicious Code	UNit 6	
5/2/2026	Detection and Prevention	UNit 6	
12/2/2026	Databases and SQL	Unit 7	
FEBRUARY HALF TERM BREAK 1 WEEKS - ideal opportunity for Revision and Focus on all subjects			
26/2/2026	Ethical Impacts	Unit 8	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
5/3/2026	Environmental Impacts	Unit 8	
12/3/2026	Legal Impacts	Unit 8	
19/3/2026	Unit 1/2 Recap	Paper 1	
26/3/2026	Unit 3/4 Recap	Paper 2	

EASTER BREAK 2 WEEKS - ideal opportunity for Revision and Focus on all subjects			
16/4/2026	Unit 5/6 Recap	Paper 2	These revision sessions will be dialogic, condensed lessons with retrieval and recap. Pupils are expected to attend when invited, and fully engage with session tasks.
23/4/2026	Unit 7/8 Recap	Paper 2	
30/4/2026	Exam Question Practice P1	Paper 1	
7/5/2026	Exam Question Practice P1	Paper 1	
14/5/2026	Exam Question Practice P2	Paper 2	
21/5/2026	Exam Question Practice P2	Paper 2	
28/5/2026	May Half Term		
EXAM DATES ETC —all to be confirmed– (dates given are implied from previous years dates)			
16th May 2026 - Paper One: **Computational Thinking and programming** - 2 hours			
22nd May 2026 - Paper Two: **Computing Concepts -**1 hour 45 minutes			

*NB: More revision resources are made available to pupils in Year 11 when most of the course has been completed.

*Year 10 Parent Evening Takeaway (Hard Copy) This document is **two** sided. All dates subject to review.*

Suggested additional resources / activities to drive good outcomes

Websites

- Websites can present information in ways that may be more suitable for retention.
    - https://www.bbc.co.uk/bitesize free - select secondary, GCSE, ComputerScience, AQA then review topics of interest.
    - https://senecalearning.com/ free to use, select AQA then Computer Science, then review topics of interest.

Youtube resources:

- You tube has a ready supply of playlists that look at each topic in the AQA spec, here is just one that my prove engaging and useful: https://www.youtube.com/@craigndave/playlists?view=50&sort=dd&shelf_id=3

Daily Practice Python Coding:

- Free to download and install on PC (v 3.11 would be an exact copy of the schools installation) https://www.python.org/
- Websites which have inbuilt IDE give practice opportunities too.
    - https://www.online-python.com/ free and simple IDE
    - W3 Schools:https://www.w3schools.com/python/python_compiler.asp continues to be free and for some it is helpful that it is embedded within a tutorial too.

Written resources*:

- The shared Revision guide, provides a concise summation of all topics of study, and can fill in gaps in knowledge (shared at start of Year 10)
- Python Challenge Books - available for use in school, and now added to the google classroom

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