

# Computer Science Year 11 Mock Exam Revision List

Revision websites:

- For Algorithm and Programming revision:
  - Repl.it
  - CodeAcademy
- For Theory:
  - Computer Science Tutor - [https://www.youtube.com/channel/UCsBxDfwURg-vQASN2ZeHwg/playlists?sort=dd&shelf\\_id=1&view=50](https://www.youtube.com/channel/UCsBxDfwURg-vQASN2ZeHwg/playlists?sort=dd&shelf_id=1&view=50)
  - Craig and Dave - <https://www.youtube.com/watch?v=t8H6-anK0t4&list=PLCiOXwirraUAvkTPDWeeSqAKty3LAG37-&safe=active>
  - BBC Bitesize - <https://www.bbc.com/bitesize/subjects/z34k7ty>
  - <http://csgcse.co.uk/programming/flowcharts-pseudocode/>
  - [http://www.teach-ict.com/2016/GCSE\\_Computing/OCR\\_J276/2\\_1\\_algorithms/flowcharts/miniweb/index.php](http://www.teach-ict.com/2016/GCSE_Computing/OCR_J276/2_1_algorithms/flowcharts/miniweb/index.php)

Revision Topic List

- Systems Architecture – CPU – Fetch-Execute Cycle
- Memory & Storage Devices
- Networks – Wired/Wireless
- Networks – Topologies and Protocols (Star/Mesh, IP/MAC, P2P/Client-Server)
- Networks – Security
- Ethics and Legal
- Binary and Logic Gates
- Algorithms (Searching and Sorting)
- Programming Techniques (General Debugging and Tracing through programs)
- Program Flow Diagrams (Tracing through programs)

Guidance on **where** to access revision resources:

- School Share
- W:\\_\_ Business Studies ICT and CS\Computer Science\New Folder Structure\\_GCSE
- Lots of PowerPoints and other files to use for revision – Main folders for this:
  - Resources - Helpsheets
  - \_Paper 1 – Computer Systems Theory
  - \_Paper 2 – Algorithms
  - Resources - Craig n Dave