

Year 11 Computer Science

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
- 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

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:__ Business Studies ICT and CS\Computer Science
- Lots of PowerPoints and other files to use for revision – Main folders for this:
 - Helpsheets
 - Year 9 / 10 / 11
 - Craig n Dave