

Topics for revision for paper 2 mock exams

- Computational thinking (Abstraction, Decomposition, Algorithmic thinking)
- Algorithms (searching, sorting, correcting, completing, writing, trace tables)
- Creating algorithms using flowcharts and pseudocode (or Exam Ref Lang)
- Programming fundamentals (sequence, selection, iteration constructs)
- Arithmetic and Boolean operators
- SQL and file handling (open, read, write, append, close)
- Logic circuits and truth tables
- Data representation (denary, binary, hex conversions)

Resources



- **KnowITAllNinja**

- Every y11 Computer Science student has an account to learn and revise topics for the exam.

- **GCSE Computer Science revision book**

- Each student has been issued with a course book to revise from

- **Craig 'n' Dave J277 OCR Computer Science YouTube video tutorials (on most topics in the spec)**

- **Seneca**

- Students can use this platform to revise topics relevant to the exam board



Resources (contd)

Double-click to go to full screen, ctrl+

- **Python (skills development)**

- W3C Python programming tutorials (<https://www.w3schools.com/python/>)
- Python visualiser
- Python challenges (inside Independent Folder on Teams)
- NEA
- Guide to programming techniques and OCR Exam Reference Language (Teams folder)