



DENBIGH SCHOOL

Subject

Computer Science

Subject Shopping List

A4 ring binder folder with a set of dividers

A4 lined refill pad, black/blue pens, and highlighters.

Equipment and Software

A personal computer or laptop (Windows, macOS, or Linux) with internet access for programming at home.

Python 3.x (IDLE) or a lightweight IDE like **Visual Studio Code** (both are free to download).

Suggest Reading and Activities

OCR AS and A Level Computer Science by PM Heathcote and RSU Heathcote (PG Online).

W3Schools Python Tutorial (w3schools.com): The ideal starting point for coding practice. Use their interactive, step-by-step Python tutorials and "Try It Yourself" editor to practice core programming concepts like variables, loops, lists, and functions.

Craig'n'Dave (YouTube / craigndave.org): Watch their "SLR 17 - Systems Software" and programming logic playlists to build a strong foundation for Year 12.

Isaac Computer Science (isaaccomputerscience.org): Create a free account and complete the **GCSE to A-Level Transition topics** to ensure your core theory, data representation, and boolean algebra skills are sharp for September.

[GCSE Computer Science - Cambridge OCR - BBC Bitesize](#)

- **What to do:** A-Level students should go over the basics of computer science to revise and take a test for different topics on BBC bitesize.