



KS4 Computer Science Curriculum

Subject on a Page

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
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Year 10	1.1 System Architecture	1.2 Memory and Storage	1.3 Computer Networks, Connections & Protocols	1.4 Network Security	1.5 Systems Software	1.6 Ethical, Legal, Cultural & Environmental Impacts of Digital Technology
	2.1 Algorithms	2.2 Programming Fundamentals	2.3 Producing Robust Programs	2.4 Boolean Logic	2.5 Programming Language and Integrated Development Environments	

J277/01: Computer systems
This component will assess:

- 1.1 Systems architecture
- 1.2 Memory and storage
- 1.3 Computer networks, connections and protocols
- 1.4 Network security
- 1.5 Systems software
- 1.6 Ethical, legal, cultural and environmental impacts of digital technology

J277/02: Computational thinking, algorithms and programming
This component will assess:

- 2.1 Algorithms
- 2.2 Programming fundamentals
- 2.3 Producing robust programs
- 2.4 Boolean logic
- 2.5 Programming languages and Integrated Development Environments

