GCSE (9–1) COMPUTER SCIENCE · OCR J277

Your Two-Year Learning Journey

Featherstone High School

Y10 Computer Systems

Paper 1 foundations

1.1 Systems Architecture — CPU & fetch–decode–execute	**1.2** Memory & Storage — RAM, ROM, storage devices	**1.3** Networks & Protocols — Topologies, TCP/IP, HTTP
1.4 Network Security — Threats & prevention	**1.5** Systems Software — OS & utility software	**1.6** Ethical & Legal Impacts — Society, environment, law

Y11 Computational Thinking & Programming

Paper 2 foundations, then revision

2.1 Algorithms — Flowcharts, searching, sorting	**2.2** Programming Fundamentals — Selection, iteration, arrays	**2.3** Robust Programs — Defensive design & testing
2.4 Boolean Logic — Logic gates & truth tables	**2.5** Languages & IDEs — High/low-level, translators	↻ Revision & Mocks — Spring term run-up to exams

Paper 1 · Computer Systems
May 2028 · TBC

Paper 2 · Computational Thinking and Programming
May 2028 · TBC

Exam Dates — 2028

Paper 1

Date	**May 2028 · TBC**
Marks / %	**80 · 50%**

Paper 2

Date	**May 2028 · TBC**
Marks / %	**80 · 50%**

Grading

Graded 9–1 across both papers combined. No tiers — everyone sits the same papers.



Revision Sources

SmartRevise
Set & tracked via student accounts

Craig'n'Dave
Free J277 video walkthroughs

Seneca Learning
Spaced-repetition revision

Save My Exams
Topic notes & questions

OCR Past Papers
Official past series