Computer Science

In Computer Science students follow OCR Exam Board Specification J277. Details can be found here:
https://www.ocr.org.uk/Images/558027-specification-gcse-computer-science-j277.pdf

Content Overview	Assessment Overview

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
	Written paper: 1 hour and 30 minutes 50% of total GCSE
	80 marks
	
	This is a non-calculator paper.
	All questions are mandatory.
	
	This paper consists of multiple choice questions, short response questions and extended response questions.

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
	Written paper: 1 hour and 30 minutes
	50% of total GCSE
	80 marks
	
	This is a non-calculator paper.
	This paper has two sections: Section A and Section B. Students must answer both sections. All questions are mandatory.
	
	In Section B, questions assessing students' ability to write or refine algorithms must be answered using
	either the OCR Exam Reference Language or the high-level programming language they are familiar
	with.

Recommended revision websites, resources and strategies:

https://www.csnewbs.com/ocr-gcse
https://teachcomputerscience.com/ocr/
https://isaaccomputerscience.org/login
https://smartrevise.online/

All work covered over the last two years is on Google Classroom.
Use SmartRevise to tackle topics you are unsure about.
Ensure all expert vocabulary is understood.
Practise your programming skills