

GCSE SUBJECTS ASSESSMENT INFORMATION

Subject	Computer Science		
Exam Board	OCR		
Course Specification	Computer Science (9-1) - J277	Component 01: Computer systems Component 02: Computational thinking, algorithms and programming Students will be given the opportunity to undertake practical programming tasks during their course of study.	
Curriculum			
	Curriculum	Topics Covered	
Year 10	Term 1	Systems architecture Programming techniques	
	Term 2	Memory and storage Programming techniques	
	Term 3	Computer networks, connections and protocols Programming techniques	
	Term 4	Network security Programming techniques	
	Term 5	System software Programming techniques	
	Term 6	Ethical, legal, cultural and environmental concerns	
Year 11	Term 1	Programming fundamentals	
	Term 2	Algorithms, programming techniques	
	Term 3	Producing robust programs	
	Term 4	Boolean logic, Programming languages and IDEs	
	Term 5/6	GCSE Examination preparation and exams	
Teaching Group(s)			
	Exams	Dates	Details (eg weightings etc)
All	Topic Assessment	Throughout the course	Internal assessments
	Summer Exam	June Year 10	
	Practical programming task	July Year 10	
All	Trial Exam	November Year 11	Internal exam
All	Component 01 Computer systems	May / June Year 11	External exam 50% total marks – 1hr 30 mins (no calculators)
All	Component 02 Computational thinking, algorithms and programming	May / June Year 11	External exam 50% total marks – 1hr 30 mins (no calculators)
Recommended Textbook(s)			
	OCR GCSE (9-1) Computer Science J277 (Textbook) S Robson and PM Heathcote ISBN:978-1-910523-21-6		
Recommended Revision Guide			
	GCSE OCR Computer Science – The Revision Guide(CGP) GCSE OCR Computer Science – Exam Practice Workbook(CGP)		

Recommended Revision Website(s)	Videos for all topics - https://student.craigndave.org/gcse-ocr-j277-computer-science-videos BBC Bitesize - KS4 - Computer Science - https://www.bbc.co.uk/bitesize/subjects/z34k7ty
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