

Computing

Year group	9					
Course	GCSE Computer Science					
Exam board Specification	OCR GCSE (9-1) Computer Science J276					
External assessment	2 x 90 minute written exams (Paper 1 – weighting 40%, Paper 2 – weighting 40%) Controlled assessment (weighting 20%)					
Course content	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Systems Architecture – devices and their purposes	The CPU and Memory Programming – Sequencing	Storage Programming – Selection and Iteration	How to revise and write exam answers Programming Techniques -	Algorithmic design – searching and sorting	Computational logic
Useful websites	https://www.python.org/ http://www.bbc.co.uk/education/subjects/z34k7ty					

Year group	10					
Course	GCSE Computer Science					
Exam board Specification	OCR GCSE (9-1) Computer Science J276					
External assessment	2 x 90 minute written exams (Paper 1 – weighting 40%, Paper 2 – weighting 40%) Controlled assessment (weighting 20%)					
Course content	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Data Representation Boolean Logic	Ethical, legal, cultural and environmental concerns Programming – Lists and data structures	Wired and Wireless Networks and topologies Programming – File handling operations	Protocols, layers and systems security Programming – databases and SQL	System Software, translators and facilities of languages Programming – functions and procedures	Programming Project – Full project design and production

Useful websites	https://logic.ly/demo/ https://www.python.org/ http://www.bbc.co.uk/education/subjects/z34k7ty
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Year group	11					
Course	GCSE Computer Science					
Exam board Specification	OCR					
External assessment	1 x 90 minute written exam (weighting 40%) 2 x Controlled assessment (weighting 60%)					
Course content	Autumn		Spring		Summer	
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	A453 Controlled Assessment Systems Architecture	A452 Controlled Assessment Memory and Storage	Networks and Wired networks	Data Representation	Logic and Software Revision	EXAM
Useful websites	https://www.python.org/ http://www.bbc.co.uk/education/subjects/z34k7ty https://logic.ly/demo/					