

## Curriculum Overview – GCSE Computer Science

Year 10					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Introduction to IT Introduction to CS Encryption History of computing	Binary Hexadecimal Bitmaps File sizes Sound encoding Compression	Algorithms Binary and linear search Bubble and merge sort	Computer hardware and software	Programming in Python 3	Computational thinking Decomposition Abstraction Algorithm design
				<b>PPE: Binary and data encoding</b>	

Year 11					
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	
Social, legal, and ethical aspects of computer science	Computer Science Programming project	Computer networks and the internet	Cyber security	Revision, exam preparation	
			<b>PPE: Full mock, minus Networks and Cyber security</b>		