

KS4 - GCSE Computing

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Component 1 - Systems Architecture	Component 1 - Memory, Storage & Data Representation	Component 1 - Computer Networks, Connections & Protocols	Component 1 - Network Security	Component 1 - System Software	Component 1 Ethical & Legal concerns. Impact of digital technology - Ethical, legal, cultural and environmental concerns
Year 11	Component 2 Algorithms - Translators and facilities of languages - Software - Systems Security - Data Representation recap - Characters	Component 2 Programming Fundamentals - Ethical Issues - CPU Architecture - Memory/Storage recap - Wired and Wireless Networks	Component 2 Producing Robust Programs - Network Topologies, protocols and Layers - Systems Software - Searching and Sorting Algorithms - Algorithms	Component 2 Programming Boolean Logic - Programming techniques - Arrays - String manipulation - File handling	Component 2 Programming Languages & IDE - Producing Robust programs - SQL - Controlled Assessment Tasks - Preparation for Exams	Component 2 Course Completion/ Revision for exam