CURRICULUM PROGRESSION PATHWAY					
	Year 7	**Year 8**	**Year 9**	**Year 10**	**Year 11**
Autumn 1				Boolean logic. Data storage – numbers. Designing, creating and refining algorithms	Threats to computer systems and networks. Identifying and preventing vulnerabilities. Operating systems. Utility software. Ethical, legal, cultural and environmental impact.
Autumn 2				Programming fundamentals. Data types.	Defensive design. Testing. Languages. The integrated development environment.
Spring 1				Additional programming techniques. Practical programming skills.	Practical programming skills. Searching & sorting algorithms. Searching & sorting practical programming skills.
Spring 2				Data storage – characters, images & sound. Compression. Architecture of the CPU.	Theory revision. Practical programming skills revision.

Summer 1				Embedded systems. Primary & secondary storage. Networks & topologies.	Theory revision.
Summer 2				Wired and wireless networks, protocols and layers.	