KS5 Computer Science Curriculum

	Autumn	Spring	Summer
Year 12	Architecture of the CPU Memory, Storage, Systems Analysis Assembly Language, Compression Databases, Normalisation	Networks HTML, CSS, Data types ASCII, Data calculations Floating point arithmetic, Masks	Arrays, Tuples, Records Queues, Lists, Stacks, Hash tables Graphs, Trees, Legislation Sorting and Searching Algorithms
	Programming and Programming Project		
Year 13	Recap on Autumn Term SQL, JavaScript, Search Engine Indexing Database normalisation	Recap on Spring and Summer Terms	Exam and Revision Technique
	Programming, Revision and Exam Technique		

How will you be assessed?

- **Knowledge** of topics and programming ability
- **Understanding** of the topics throughout the curriculum and the ability to analyse, decompose and write algorithms
- **Application** of knowledge and understanding to interpret, analyse and evaluate programming problems providing effective solutions