GCSE Computer Science @ HFCH

Year	Term	Topic
Year 10	**Autumn Term**	1.2.3 Units
		1.2.4 Data storage
		1.1.1 Architecture of the CPU
		1.1.2 CPU Performance
		1.1.3 Embedded systems
		1.2.1 Primary storage (Memory)
		1.2.2 Secondary storage
	Spring Term	2.2.2 Data types
		2.2.1 Programming fundamentals
		2.4.1 Boolean logic
		1.2.5 Compression
		1.3.1 Networks and topologies
		1.3.2 Wired and wireless networks, protocols and layers
	Summer Term	1.4.1 Threats to computer systems and networks
		1.4.2 Identifying and preventing vulnerabilities
		1.5.1 Operating systems
		1.5.2 Utility software
		1.6.1 Ethical, legal, cultural and environmental impact
		2.1.1 Computational thinking
		2.1.2 Designing, creating and refining algorithms
Year 11	**Autumn Term**	2.1.3 Searching and sorting algorithms
		2.2.3 Additional programming techniques
		2.3.1 Defensive design
		2.3.2 Testing
		2.5.1 Languages
		2.5.2 The Integrated Development Environment (IDE)
	Spring Term	**Practical Programming Task**
		Paper 1 Revision
		Paper 2 Revision