

Computer Science Term Plan Year 10

W/C	6 th September	10 th September	17 th September	24 th September	1 st October	8 th October	15 th October	HALF TERM	31 st October	5 th November	12 th November	
		Unit 1.1 / 2.5	Unit 1.1 / 2.1	Unit 1.1 / 2.2	Unit 1.2 / 2.2	Unit 1.3 / 2.2	Unit 2.2		Unit 1.4 / 2.2	Unit 1.4 / 2.2	Unit 1.4 / 2.1	
	Course introduction	CPU	Von Neumann Architecture	Fetch- Decode-Execute Cycle	Memory	Storage	<i>ASSESSMENT</i>		Network types	Network performance	Client-Server Networks	
	Computer Systems	Translators and Facilities	Algorithms (flowcharts)	Variables	Datatypes	Selection Iteration	String Manipulation		Arrays	Functions	Searching algorithms	
W/C	19 th November	26 th November	3 rd December	10 th December	CHRISTMAS	7 th January	14 th January	21 st January	28 th January	4 th February	11 th February	HALF TERM
	Unit 1.4 / 2.1	Unit 1.4	Unit 1.4 / 2.2	Unit 2.2		Unit 1.5 / 2.3	Unit 1.5 / 2.3	Unit 1.5 / 2.3	Unit 2.3	Unit 1.7 / 2.4	Unit 1.7 / 2.4	
	Network hardware	DNS_IP	Virtual networks	<i>ASSESSMENT</i>		Topologies	Protocols	Packet switching	<i>ASSESSMENT</i>	Operating systems	Utility software	
	Sorting algorithms	<i>ASSESSMENT</i>	File handling	Databases		Defensive design	Maintainability	Errors	Testing	Computational logic	Computational logic	
W/C	25 th February	4 th March	11 th March	18 th March	18 th March	1 st April	EASTER	24 th April	29 th April	6 th May	13 th May	
	Unit 2.6	Unit 1.6 / 2.6	Unit 1.6 / 2.6	Unit 1.6 / 2.6	Unit 1.6 / 2.6	Unit 2.6		Revision	Revision	Revision	Revision	
	<i>ASSESSMENT</i>	Network Security	Network Threats	Malware	Preventing Vulnerabilities	<i>ASSESSMENT</i>		<i>ASSESSMENT</i>	Programming	Programming	Programming	
	Units	Binary	Characters	Images	Sound	Compression						
W/C	20 th May	HALF TERM	3 rd June	10 th June	17 th June	24 th June	1 st July	8 th July				
	Year 10 Mock Exams		Year 10 Mock Exams	Unit 1.8	Unit 1.8	Unit 1.8	Year 10 Work Experience	Unit 1.8				
				Ethical, legal, cultural & environmental concerns	Ethical, legal, cultural & environmental concerns	Ethical, legal, cultural & environmental concerns		Ethical, legal, cultural & environmental concerns				