Vision	sumn	nary/ (	Curriculum intent: GCSE Computer Science							
k			Year 9	Assessment	Homework		Unit	Year 10	Assessment	Homework
1	1		Learn to programe - Python			2		Unit 1.3 - L1 & 2		Watch video clips - Factors that affect network performance AND Client server & P2P networks - and make notes
2	1		Learn to programe - Python			3	protocols	Unit 1.3 - L 3 - 5		Watch video clips - Network hardware and The Internet - and make notes
3	1	nming	Learn to programe - Python			2	n and	Unit 1.3 - L 6 & 7		Watch video clips - Star & Mesh networks AND modes of connection - and make notes
4	1	Programming	Learn to programe - Python			3	vork connectio	Unit 1.3 - L 8 - 10		Watch video clips - Wireless encryption, IP and MAC addressing, Standards & protocols - and make notes
5	1		Learn to program - VB			2	Netv	Unit 1.3 - L11 & 12		Watch video clips - The concept of
6	1		Learn to program - VB			3	2	Unit 1.3 - end of topic assessment. Complete workbook. Unit 1.3 Action. Introduction to	2 X short & meduim	
								network practical	answer topic paper	
7	1		Learn to program - VB		1	2		Network practical		
8 Octob	1 er		Learn to program - VB			3		Network practical		
9	1		Unit 1.1 - L1		Watch video clip on Von Nueman architecture and make notes	2		Unit 1.4 - L1 & 2		Watch video clips - Threats posed to networks - and make notes
10	1		Unit 1.1 - L2		Watch video clip on CPU characteristics and make notes	3		Unit 1.4 - L3 - 5		
11	1	eture	Unit 1.1 - L3		Watch video clip on Embedded systems and make notes	2	urity	Unit 1.4 - L6 & 7		
12	1	n archic	Unit 1.1 - L4		Revise for end of topic test	3	work secu	Unit 1.4 - L8 - 10		Watch video clips - Identifying vunrebilities - and make notes. Revise
13	1	Syster	Unit 1.1 - end of topic assessment. Complete workbook	Short and meduim answer topic paper		2	Net	Unit 1.4 - end of topic assessment. Complete workbook. Action	Short and medium end of topic paper	
14	1		Unit 1.1 - Action		Watch video clip on need for primary memory, RAM & ROM and make notes.	3		Programminng challenge		Program Challenge booklet Tasks 1 - 5
15	1		Buffer - Programming Challenge			2		Programming challenge		Program Challenge booklet Tasks 6 - 11
Christ	mas									
16	1		Unit 1.2 - L1		Watch video clip on Virtual memory and make notes	3		Program Challenge		Program Challenge booklet Tasks 12 - 15
17	1	orage	Unit 1.2 - L2		Watch video clip on need for secondary storage and common types of storage and make notes.	2	8	Program Challenge		Program Challenge booklet Tasks 16 - 21
18	1	and Stor	Unit 1.2 - L3	Short and meduim answer topic paper		3	'amming	Program Challenge		Program Challenge booklet Tasks 22 - 28

19	1	emory	Unit 1.2 - L4		Watch video clip on sutable storage media and make notes	2	Progr	Program Challenge		Program Challenge booklet Tasks 28 - 34
20	1	Me	Unit 1.2 - L5		Watch video clip on units of data storage and make notes	3		Program Challenge		Program Challenge booklet Tasks 35 - 37
21	1		Unit 1.2 - L6	Short and meduim answer topic paper	Watch video clip on data capacity and calculations and make notes	2		Program Challenge		Program Challenge booklet Tasks 38 - 40
Febr	uary									
22	1		Unit 1.2 - L7		Watch video clip on converting and addition of binary and make notes	3	software	Unit 1.5 L 1 - 3		Watch video clips - OS part 1 & 2 . Utility software - and make notes
23	1	ē	Unit 1.2 - L8		Watch video clip on binary shift and hex and make notes	2	Ε	Unit 1.5 L4 + test	Short and medium end of topic paper	Revise for end of topic test
24	1	Storage	Unit 1.2 - L9			3	Systei	Unit 1.5 Action. Complete workbook. Unit 1.6 L1 & 2		Watch video clips -Privacy issues and Legislation-and make notes
25	1	mory and	Unit 1.2 - L10	Short answer topic paper	Watch video clip on representing character sets and make notes	2		Unit 1.6 - L3 & 4		Watch video clips -Cultral implications and environmental impact - and make notes
26	1	Mem	Unit 1.2 - L11		Watch video clip on representing images and make notes	3	E, L & C	Unit 1.6 - L5 - 7		Watch video clips -Wider impacts, open source V propritry S/W - and make notes. Revise
27	1		Unit 1.2 - L12		Watch video clip on representing sound and make notes	2		Unit 1.6 test + action	Short and medium end of topic paper	
Easte	er									
28	1	and	Unit 1.2 - L13		Watch video clip on compression and make notes	3		How to answer long answer questions. Practise	Long answer question	Revision
29	1	y aı ıge	Unit 1.2 - L14			2	Mock	Revision - Computing systems		
30	1	~ 0	Unit 1.2 - L15		Revise for end of topic test	3	Σ	Revision - Computing systems		
31	1	ĭ	Unit 1.2 End of topic assessment. Complete Workbook	Short and medium answer topic paper		2		Revision - Computing systems	Mock Paper 1 only	
32			Unit 1,2 - Action plus complete workbook			3		Programming challenge		
Whit										
33	1		Program Challenge - Python/VB			2		Unit 2.1 - L1 & 2		Watch video clips - Decomposition
34	1		Program Challenge - Python/VB			3	S	Unit 2.1 - L3 - 5		Watch video clips - Input, process & output AND arithmetic thining - and make notes
35	1	ıming	Program Challenge - Python/VB			2	Algorythms	Unit 2.1 - L6 & 7		Watch video clips - Linear AND Binary search - and make notes
36	1	Program	Program Challenge - Python/VB			3	Algo	Unit 2.1 - L8 - 10		Watch video clips - Bubble search AND Merge 7 Insertion sorts AND using algorythims - and make notes
37	1		Program Challenge - Python/VB			2		Unit 2.1 - L11 and Catch-up		
37 38 39			Program Challenge - Python/VB  Program Challenge - Python/VB			2 3		Unit 2.1 - L11 and Catch-up  Programming challenge		

Week	Unit	Year 11	Assessment	Homework	Week	Unit	Year 11	Assessment	Homework
1		Unit 2.1 - L12 & 13				Christm	as		
2	Algorthms	Unit 2.1 - L 14 - 16		Watch video clips - Finding bugs and suggesting fixes AND trace tables - and make notes. Revise					
3	ΑΙ	Unit 2.1 - End of topic assessment. Compllete workbook. Unit 2.2 Action.	Short and medium answer topic paper		16	anguage Es	Unit 2.5 - L1- 3		Watch video clips - Translators, complilers and interipters AND IDE's - make notes. Revise
4	fundimentals	Unit 2.2 L 1 - 3		Watch video clips - Operators, boolen, data types AND string manipulation AND file handling opperations AND SQL - and make notes. Revise	17	Programming language and IDLEs	Unit 2.5 - L4. End of topic assessment. Complete workbook.	Short and medium answer topic paper	Revises
5	nming fundir	Unit 2.2 - L4 & 5		Watch video clips - Arrays AND sub programmes AND Random number generator - and make notes. Revise	18		Revision - Computer systems		Exam paper 2.1
6	Prograr	Unit 2.2 L 6 & 7. End of topic Assessment. Workbook completion.	Short and medium answer topic paper	Revise	19		Revision - Computer systems		
7	<b>a</b> .	Unit 2.2 Action		Watch video clips - Defensive design considerations 1 - and make notes. Revise	20	Revision	Revision - Computer systems		Exam paper 2.3
8		Unit 2.3 - L1 - 3		Watch video clips - Defensive design considerations 2 AND maintainability AND Algorythum refinement AND identifying syntax errors- and make notes. Revise	21		Revision - Computer systems		
Octobe	r					Februar	y Y		
9	ogramming	unit 2.3 - 4 & 5		Watch video clips - Sutable test data AND revise - and make notes. Revise	22		Revision - Computational thinking, algorythums and programming.		Exam paper 2.2
10	ď	Unit 2.3 - L6. End of topic Assesment. Complete workbook. Actions	Short and medium answer topic paper	Revises	23		Revision - Computational thinking, algorythums and programming.	PA - short, medium and long answer questions	
11	Robust	Programing			24	uo	Revision - Computational thinking, algorythums and programming.		Exam paper 2.3
12	Boolen	Unit 2.4 - L1 - 3	Short and medium answer topic paper	Watch video clips - Combined boolean AND truth tables - and make notes. Revise	25	Revision	Revision - Computer systems / Computational thinking, algorythums and programming.	PA - short, medium and long answer questions	
13	mming	Programing		Exam paper 1.1	26		Revision - Computer systems / Computational thinking, algorythums and programming.		Past paper - Computer systems 1
14	Programı	Programing			27		Revision - Computer systems / Computational thinking, algorythums and programming.	PA - short, medium and long answer questions	Past paper - Computer systems 2
15		Programing		Exam paper 1.2		Easter			



28		Revision - Computer systems / Computational thinking, algorythums and programming.	SA - short, medium and long answer questions	Past paper - CTA & P 1
29	ıd Exam	Revision - Computer systems / Computational thinking, algorythums and programming.		Past paper - CTA & P 2
30	Revision and Exam	Revision - Computer systems / Computational thinking, algorythums and programming.	PA - short, medium and long answer questions	
	<b>~</b>	Revision - Computer systems / Computational thinking, algorythums and programming.	Exam	
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