

Vision summary/ Curriculum intent: CT Information Technology

Week	Unit	Year 12	Assessment	Homework
1	4	Unit 1 - 3	Structure and function of the processor L1 - 4	Structure and function of the processor. Video, Note taking and research
2	5		Structure and function of the processor L5 - & 6. Test. Types of a procesor L & 2	Short & medium answer test. Types of processor. Video, Note taking and research. Revise for test.
3	4		Types of processor test. Input, Output & Storage. L 1 - 3	Short & medium answer test. Input, Output and Storage. Video, Note taking and research. Revise for test.
4	5		Input, Output & Storage L 4 + Test.	Short & medium answer test. Input, Output and Storage. Video, Note taking and research. Revise for test.
5	4		Programming	Programming Challenge
6	5		Programming	Programming Challenge
7	4		Programming	Programming Challenge
8	5		Coursework planning	Programming Challenge
October				
9	4	Units 13, 15 & 4	Data types L 1 - 4	Data types. Video, Note taking and research.
10	5		Data types L 5 - 7. Test	Short & medium answer test. Data types. Video, Note taking and research. Revise for test.
11	4		Boolean Algebra L 1 - 4	Boolean algebra. Video, Note taking and research. Revise for test.
12	5		Boolean Algebra Test. Programming	Short & medium answer test.
13	4		OS & System S/W L1 - 4	OS & System S/W. Video, Note taking and research.
14	5		OS & System S/W L5 - 7. Test. Programming	Short & medium answer test. OS & System S/W. Video, Note taking and research. Revise for test.
15	4		Programming	Programming Challenge
Christmas				
16	5	Units 16, 5, 6 & 10	Computer related legislation L 1 & 2. Test Application generation L 1 & 2	Long answer test. Computer related legislation. Video, Note taking and research. Revise
17	4		Application generation L3 + Test. Programming	Short & medium answer test. Application generation. Video, Note taking and research. Revise
18	5		Software development L1 - 5	Software development. Video, Note taking and research. Revise
19	4		Software development test. Databases L 1 -3	Short & medium answer test. Software development Revise. Database Note taking and research.
20	5		Database practice	
21	4		Database practice + test	Short & medium answer test. Database revise
February				
22	5	Units 11, 12 & 17	Networks L 1 - 5	Networks Note taking and research. Revise
23	4		Network practice	
24	5		Network practice	
25	4		Web Technologies L1 - 4	Web Technologies Note taking and research.
26	5		Web Technologies L5 - 7. Continue Network practice	Web Technologies Note taking and research.
27	4	E C & M issues L 1 - 3	E C & M Issues. Note taking and research.	
Easter				
28	5	Units 14, 8, 23, 18, 19 & 20	Data Structure L1 - 3. Introduction to programming L1 - 3 - prep for coursework	Data structures - Note taking and research.
29	4		Introduction to programming L 4 & 5 - Prep for coursework	Introduction to programming - Note taking and research.
30	5		Programming Techniques L 1 - 3 Thinking abstractly L 1 & 2	Programming techniques & Thinking abstractly - Note taking and research.
31	4		Thinking ahead L 1 & 2. Thinking procedurally L 1& 2	Thinking ahead + procedurally - Note taking and research.
32	5		Thinking logically L1 & 2. Practise exam papers 1 - 3	Thinking logically - Note taking and research. Revision
Whitsun				
33				
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35	Coursework	Revision + coursework. Introduction, working through		
36				
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Week	Unit	Year 13	Assessment	Homework	
1	Recap units 1,2, 3, 4	Recap - Structure & function of the processor & Types of processor		Revise first 6 units	
2		Recap - Input, Output & Storage, Data types & Boolean algebra		Revise first 6 units	
3		Recap application generation & software development		Types of programming. Video, Note taking and research.	
4		Types of programming language - L1 - 5		Types of programming. Video, Note taking and research. Revise for test.	
5		Types of programming language Test. Compression, Encryption and Hashing L 1 - 3	Short & medium answer questions	Compression, Encryption & Hashing. Video, Note taking and research. Revise for test.	
6		Compression, Encryption and Hashing L4 + test.	Short & medium answer questions	Compression, Encryption & Hashing. Video, Note taking and research.	
7		Coursework		Coursework	
8		Coursework		Coursework	
October					
9		Recap - Databases			
10		Recap - Networks. Recap - Web technologies			
11		Recap - Web technologies. Recap data types			
12		Coursework			
13		Coursework			
14		Recap - Data structure			
15		Recap - Boolean algebra		Need to add Legislation, C, E & moral stuff	
Christmas					
16		Recap - Thinking; abstractly, ahead, procedurally & logically. Thinking concurrently L1			
17		Recap programming Techniques. Coursework			
18		Computational methods L1 - 5		Compression, Encryption & Hashing. Video, Note taking and research. Revise for test.	
19		Computational Test. Coursework	Short & medium answer questions	Compression, Encryption & Hashing. Video, Revise for test.	
20		Coursework			
21		Coursework			
February					
22		Algorithms L1 - 5	Short & medium answer questions	Algorithm. Video, Note taking and research. Revise for test	
23		Algorithms L6 - 9		Algorithm. Video, Note taking and research.	
24		Algorithms Test. Coursework			
25		Coursework			
26		Coursework			
27		Coursework			
Easter					

28	5	Revision		Practise paper 1.1
29	4	Revision		Practise paper 1.2
30	5	Revision		Practise paper 2.1
31	4	Revision		Practise paper 2.2
32	5	Revision		Practise paper 3.1 & 3.2
Whitsun				
33		Course complete		
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