Curriculum Sequencing Overview – Year 10 Computer Science Unit 2

Unit 2								
Week	1	2	3	4	5	6	7	8
Date wb	14/11/22 A	21/11/22 B	28/11/22 A	05/12/22 B	12/12/22 A	02/01/22 B	09/01/23 A	16/01/23 B
Key Dates		Data representation End of unit test **Thursday 24th November**		Networks Connections & Protocols End of Topic assessment Tuesday **6TH Dec**		Networks Security End of Topic assessment **5th January**		Networks KA **17th January**
Big Ideas (key concepts)	Representing data using binary		Networks, connections and protocols		Network security and systems software		Revision & assessment	
Lesson Topics Sequence	1. Practical programming 2.Data storage Sound T5	3. Practical programming 4. Compression T6 5. Revision data representation 6. Data representation End of unit test	7. Practical programming 8. Networks Internet and WANS T1 9. Networks LANS T2 10. Networks Wireless networking T3	10. Practical programming 11. Networks Connections & Protocols End of Topic assessment 12. Network security Threats T1 13. Network security Preventing	14. Practical programming 15. Network security Operating Systems T3	16. Practical programming 17. Network security Utility Software T4 18. Networks revision 19. Networks Security End of Topic assessment	20. Practical programming 21. Networks KA	22. Practical programming 23. Networks KA 24. Networks exam question practice. 25. Half term 1 revisit – Systems architecture & data representation

				vulnerabilities T2				
Key Assessments		Data representation End of unit test **Thursday 24th November**		Networks Connections & Protocols End of Topic assessment Tuesday **6TH Dec**		Networks Security End of Topic assessment Thursday **5th January**		Networks KA **17th January**
Home Learning - Set and checked every Thursday.	Homework: week beginning 14/11/22 A (Thurs). Due Thurs week B Craig n Dave smart revise. All students have accounts	Homework: week beginning 21/11/22 A (Thurs). Due Thurs week B Craig n Dave smart revise. All students have accounts	Homework: Learn terms 1 to 10 from KO 2 (Networks)	Homework: Learn terms 11 to 21 from KO 2 (Networks)	Homework: Learn terms 21 to 31 from KO 2 (Networks)	Homework: Learn terms 31 to 41 from KO 2 (Networks)	Homework: Learn terms 21 to 31 from KO 2 (Networks)	Homework: Learn terms 42 to 46, plus 6 more of your choosing from KO 2 (Networks)