

Computer Science – KS4 Road Story 2022 23

Year 10

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
10.1 - Computer systems	10.1.1 - Systems architecture	10.1.2 - Memory and storage		10.1.3 - Computer networks, connections and protocols		End of year revision and assessment
10.2 - Computational thinking, algorithms and programming	10.2.1 - Programming fundamentals - Sequence	10.2.2 - Programming fundamentals - Selection	10.2.3 - Programming fundamentals - Iteration	10.2.4 - Programming fundamentals - Subroutines		10.2.5 - Programming fundamentals - Strings and lists

Year 11

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
11.1 - Computer systems	11.1.1 - Network security	11.1.2 - System software	11.1.3 - Ethical, legal, cultural and environmental impacts of digital technology	Closing gaps and addressing misconceptions	Computer systems revision and exam practice	
11.2 - Computational thinking, algorithms and programming	11.2.1 – Algorithms	11.2.2 - Programming fundamentals - Dictionaries and data files	11.2.3 - Boolean logic 11.2.4 - Databases and SQL	11.2.5 – Practical programming	Computational thinking, algorithms and programming revision and exam practice	