A level Computer Science – Road Story 2023 24

Year 12

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Programming	Making a GUI		Computational methods	Object oriented programming	Project	
Theory	Architecture	Inputs, outputs and storage	Operating system	Applications generation	Software development	Types of programming
Data	Data types	Data structures		Databases		Implementing data structures
Computational Thinking and logic	Boolean algebra		Key algorithms	Problem solving	Project	

Year 13

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Programming	Project		Pseudocode and exam practice		Revision	
Theory	Compression and encryption	Network characteristics	Web technologies	Year 12 re-cap	Legal, moral, cultural and ethical issues	Revision
Data	Implementing data structures			Revision		
Computational Thinking	Project		Analysis and design of algorithms	Problem solving	Revision	