

Term	Unit Title	Lesson / Topics	Homework	Unit Final Assessment	Resources	Core Concepts	Additional Notes
Autumn (8 + 7 Weeks)	Introduction + Baseline	<ul style="list-style-type: none"> • Introduction to school system • Expectations and standards. 	NA				
Autumn (8 + 7 Weeks)	1. Cyber Security	L1 - You and your data L2 -Social Engineering L3 - Script Kiddies L4 - Rise of the Bots L5 - There's no place like 127.0.0.1 L6 - Under Attack L7 – End of unit assessment L8 – End of Unit Assessment review - intro to Python	3	End of Unit Written Assessment	<ul style="list-style-type: none"> • Binary Denary Card • Colouring Pixel • Audio files • Flowgrithm • Flowchart Rulers • Snakes & Ladders • Dice 		
Autumn (8 + 7 Weeks)	2. Programming Techniques (Python)	L1 - Basics and Environment L2 - I/O, Variables & Data Types L3 - Mathematical and logical operators L4 - Sequence & Selection (IF, ELIF, ELSE) L5 – Iteration (While & For loops) L6 – Combining Techniques 1 L7 – Combining Techniques 2 L8 – End of Unit Assessment	3	Online Assessment	<ul style="list-style-type: none"> • Python 3.8 • Flowgrithm • Flowchart Rulers • MS 365 Forms • Repl.it / Homework 		
Spring Term (6 + 5.5 Weeks)	3. Computer Ethics and Law	L1 - Digital Laws & Regulations L2 - Digital Ethics L3 – Illegal vs Unethical L4 - Privacy & Freedom L5 – Environmental issues L6 - Cultural Issues L7 - Fake News L8 - End of unit Assessment	3	End of Unit Written Assessment	<ul style="list-style-type: none"> • Articles • Case Studies • Videos • GCSE CS and Cam Nat Textbooks 		
Spring Term (6 + 5.5 Weeks)	Database & SQL	L1 - L2 - L3 – L4 - L5 – L6 - L7 - L8 -	3	End of Unit Written Assessment	<ul style="list-style-type: none"> • Articles • Case Studies • Videos • GCSE CS and Cam Nat Textbooks 		
Summer Term (6 + 6.5 Weeks)	Project Management	L1 - L2 - L4 - L5 – L6 - L7 - L8 -	3	End of Unit Written Assessment	<ul style="list-style-type: none"> • Articles • Case Studies • Videos • GCSE CS and Cam Nat Textbooks 		
Summer Term (6 + 6.5 Weeks)	Media Project	L1 - L2 - L4 - L5 – L6 - L7 - L8 -	3	End of Unit Project	<ul style="list-style-type: none"> • Articles • Case Studies • Videos • GCSE CS and Cam Nat Textbooks 		