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Beckfoot Upper Heaton

Computing, CMP and CS Curriculum Overview 2022-2023

Year Group	HT1	HT2	HT3	HT4	HT5	HT6
7	Introduction to IT & Computer Science and E-safety	Introduction to Graphics (Wild Care)	Advanced Graphics (Wild Care)	Computational Thinking with Flowol	Introduction to Python Programming	Introduction to Binary / Data representation
8	Introduction to Graphics / Introduction to Web Development	Introduction to Web Development	Understanding Computers - Hardware & Software	Introduction to Algorithms and Pseudo code	Introduction to Python Programming	Networking
9	Creative Media Pre-Production Documents - Intro to Crawdale	Advanced Graphics: Crawdale	Introduction to Creative Media	Introduction to Creative Media	Introduction to Boolean Logic	Further Python Programming
10 CMP	Component 1 – Exploring Media Products (theory)	Component 1 – Exploring Media Products (practice assignment)	Component 1 Pearson Set Assignment	Component 1 Pearson Set Assignment	Component 1 Pearson Set Assignment	Component 2: Developing Digital Media Production Skills (workshops)
10 CS	2.4 Boolean Logic 1.2 Data Storage 1.2 Primary & Secondary storage	1.2 Data Storage, Characters, Images, Sound, Compression 2.1 Algorithms 2.2 Programming Fundamentals 2.2 Data Types	2.2 Programming Fundamentals 2.2 Programming Techniques	2.2 Practical Programming 1.1 Computer Architecture, CPU	1.3 Network Topologies 1.3 Wired & Wireless Networks, Protocols, Layers	1.3 Network Topologies 1.3 Wired & Wireless Networks, Protocols, Layers
11 CMP	Component 2 Pearson Set Assignment (Oct)	Component 2 Pearson Set Assignment	Component 3: Create A Media Product In Response To A Brief	Component 3: Create A Media Product In Response To A Brief	Component 3: Create A Media Product In Response To A Brief	
11 CS	1.4 Threats to Computer Systems & Networks 1.5 OS & Utility Software 1.6 Ethical, Legal, Cultural & Environmental impact	2.3 Defensive Design 2.3 Testing 2.5 Languages 2.5 IDE	2.2 Practical Programming Skills 2.1 Searching & Sorting Algorithms 2.1 Searching & Sorting Practical Programming Skills	Revision – Theory and Practical Programming Exam Practice	Revision – Theory and Practical Programming Exam Practice	

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