

Curriculum Map: KS3 Computing



Year	1a	1b	2a	2b	3a	3c
7	<p>Induction</p> <p>Getting to know the network Managing OneDrive and Microsoft 365</p>	<p>Multimedia</p> <p>'Welcome to Walton' Theme Development of a Multimedia Product</p>	<p>Spreadsheet Modelling</p> <p>Introduction to Spreadsheets</p>	<p>Algorithmic Thinking</p> <p>Introduction to Gaming – Arcade MakeCode Maze Task</p>	<p>Introduction to Systems Architecture</p> <p>Anatomy of a PC – Buyers Guide Task</p>	<p>Algorithms and programming</p> <p>Text Programming Logo House Project</p>
8	<p>Data Representation / Binary Logic</p> <p>Introduction to Binary Introduction to Boolean Logic</p>	<p>Introduction to Programming</p> <p>Python Chatbot task</p>	<p>Spreadsheet Modelling</p> <p>Trip to Fair financial spreadsheet model</p>	<p>Data Representation</p> <p>Storing Text, Images and Sound files Compression</p>	<p>Graphics Editing and Manipulation</p> <p>Graphic editing skills Production of publicity materials for print / web export</p>	<p>Algorithms</p> <p>Logicator Program Flow / Flowchart notation Log flume Scenario</p>
9	<p>Systems Architecture</p> <p>Computer Components Internal and external components Multimedia training guide to explain CPU, registers etc</p>	<p>Sound Editing</p> <p>Audacity Basic sound editing in Audacity File export Radio Advert - Christmas Event</p>	<p>Programming Fundamentals</p> <p>Python Functions, variables, operators</p>	<p>Video Editing</p> <p>Healthy Lifestyles Awareness Campaign</p> <p>Transitions, captions, timeline management, transitions, importing assets</p>	<p>Introduction to networks</p> <p>LANs / WANs Basic Network Hardware Packet Switching</p>	<p>Threats to networks</p> <p>Malware Mitigation Methods Encryption</p>