

Computing KS3: Year 8

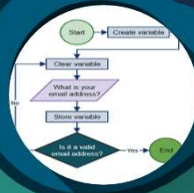
Ambition for
All



Year 8

HT1 – Algorithms & Programming

Flowcharts. Pseudocode. Searching (Linear). Searching (Binary). Careers. Python Input/Output/Storage. Python Strings.



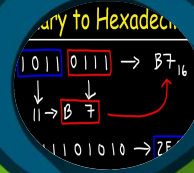
HT2 – Textual Programming

Python Selection. Python Count Controlled Iteration. Python Condition Controlled Iteration. Careers.



HT3 – Data Representation

Hexadecimal. Logic Gates. Careers. Text ASCII/Images.



HT4 – Computer Systems/Networks

Input/output and Storage Devices. Hardware Components. Networking Hardware. Careers. Network Types. Network Topologies. Application Software.



HT5 – Project Management

Design Principles. SMART objectives. . Careers. Target Audience/Project Requirements/Constraints/Risks.



HT6 – Spreadsheets II

Implement a design. Formulas. Functions. Careers.

