

Computing

KS3: Year 8

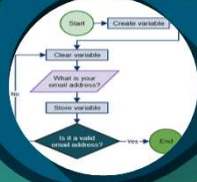
Year 8

Ambition for All



HT1 – Algorithms & Software

**Flowcharts, Pseudocode,
Searching (Linear),
Careers, Searching
(Binary), Application
software, Systems
software, Bebras.**



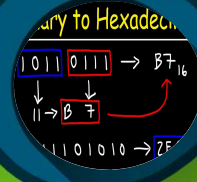
HT2 – Textual Programming

Python IOS, Bebras. Python Numbers, Python Selection, Python Condition Controlled Iteration, Merry XMas.



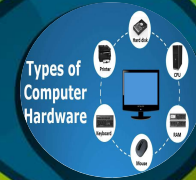
HT3 – Data Representation

**Binary Numbers, Logic
Gates, Text, Images, Sound,
Binary addition, Digital
Literacy, ESafety, Encryption.**



HT4 – Computer Systems/Networks

Input, Output and Storage Devices, Internal Hardware Components, Networking Hardware, Careers, Digital Literacy, ESafety, Network Types.



HT5 – Project Management

Design Principles. PLC Analysis. PLC Design. PLC Implementation. Careers.



HT6 – App creation

Implement a design.
AppLab

