Y10 PPE Revision List – June 2025

Algorithms and Programming -

- Assigning (setting variables)
- String manipulation (len, printing parts of a string, string position counting, upper and lower case)
- Concatenation
- Integer division
- Writing Python programs using loops, if statements, inputs and outputs.

Computer systems -

- Hexadecimal conversions
- Binary conversions
- Binary addition
- Image representation
- Software and hardware
- CPU performance
- Primary vs secondary storage
- Fetch-Decode-Execute
- Network types

- Network topologies
- Network protocols
- Network layers
- Cybersecurity (malware, weak passwords, misconfigured access rights, outdated software) *the risks and protection methods for each.*