

**Computing Year 9 Curriculum road map
2022-2023**

Unit 6 – Computer crime and cyber security

Topics learnt:

1. Email scams and hacking
2. Protecting personal data
3. Legislation

Unit 4 – Python programming

Topics learnt:

1. Sequence, selection, iteration
2. Arrays
3. Lists
4. String manipulation
5. Reading and Writing to files

Unit 5 – Networks

Topics learnt

1. LANs & WANs
The Internet
2. DNS
3. Protocols
4. System security attacks.

Unit 3 – Computer systems

Topics learnt:

1. Input, process, output,
2. Hardware and software
3. Storage devices
4. Computer Language

Unit 1 – Python programming

Topics learnt:

1. Variables
2. Sequence
3. Selection -
4. While loop
5. For loop

Unit 2 – Computational thinking and algorithms

Topics learnt:

1. Search algorithms
2. Sorting algorithms
3. Abstraction, decomposition and pattern recognition

