

Unit 6 – Computational thinking and algorithms

Topics learnt:

1. Search algorithms
2. Sorting algorithms

Unit 4 – Binary and Boolean logic

Topics learnt:

1. The binary system and
2. Binary addition
3. ASCII and Representing data
4. Logic gates

Unit 5 – Python programming

Topics learnt

1. Algorithms
2. Variables
3. Sequence
4. Selection
5. Iteration -

Unit 3 – Website design

Topics learnt:

1. Market research of existing websites
2. Text,
3. navigation bars
4. Audio and video
5. Adding buttons and contact forms

Unit 1 – Small Basic

Topics learnt:

1. Introducing the turtle
2. Using a for loop
3. Text window
4. Variables
5. Conditions and branching

Unit 2 – Cryptography

Topics learnt:

1. What is cryptography
2. Enigma Machine
3. Barcodes
4. QR codes