

Curriculum Journey – Computing



Am I an independent user of technology?

9

Units

- E-Safety
- Databases
- Desktop Publishing
- Cyber Security
- Data Representation 3 – Hexadecimal & Logic
- Programming 3 – Python CLI

Skills

- Digital literacy
- Staying safe online
- Publishing information
- Understanding cyber threats & protections
- Number operations



“Computer science empowers students to create the world of tomorrow.”
- Satya Nadella, Microsoft

Am I a confident user of technology?

8

Units

- E-Safety
- Excel Spreadsheets
- Vector Graphics
- Networking & Web Programming
- Data Representation 2 – Digitisation
- Programming 2 – Python Turtle

Skills

- Digital literacy
- Staying safe online
- Managing data
- Creating graphics
- Understanding how a network works
- Number operations
- Python programming
- Web programming



“Everybody should learn to program a computer, because it teaches you how to think.”
- Steve Jobs, Apple

Am I a competent user of technology?

7

Units

- Core Digital Literacy & E-Safety
- PowerPoint Presentations
- Word Processing
- Computer Hardware & Operating Systems
- Data Representation 1 – Binary
- Programming 1 – Python micro:bit

Skills

- Digital literacy
- Staying safe online
- Researching
- Presentation skills
- Word processing & typing
- Understanding how a computer works
- Number operations
- Python programming

