

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

Do I see the potential in using technology?

“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

Do I have an interest in using technology?

“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

