

Computing and Enterprise - Our Learning Journey

Year 7 - Discoverers

Discovering Computing

- E-Safety
- Basic components
- Introduction to binary
- Basic logic circuits

Discovering Enterprise

- Identifying audience needs
- Enterprise skills
- Publishing and presenting skills

Discovering Algorithms

- Problem solving
- Understanding basic algorithms
- App design

Year 8 - Explorers

Exploring Computing in a Connected World

- Being a digital citizen
- How PCs talk to each other
- Storing images, sound and text as binary numbers
- Web design

Exploring Enterprise

- Business finance
- Publishing skills

Exploring Algorithms

- Using problem solving techniques
- Choosing between algorithms
- Micro:bit → Python
- Physical computing

Y10 & 11

GCSE Computer Science

GCSE Business

Year 9 - Leaders

Leading Digitally

- Fake news and social media
- Network hardware
- Binary addition

Leading Communication

- Messaging for different audiences
- Functional areas
- Collaborative working

Leading Development

- Computational thinking skills
- Adapting algorithms
- Python programming
- Using circuits

Y12 & 13

BTEC Business

V-Level Digital Systems and Data

A-Level Economics