



Computing Learning Journey

Cambridge Nationals IT Pathway

- Communication
- Statistics
- Animation
- Transitions
- GDPR
- Copyright

YEAR 11

Website Design

- HTML
- CSS
- Audience and purpose
- Linking to a database

Presenting Information

- Linking to a system
- Live updating
- Automation
- Health and Safety
- Computer misuse

IT Legislation

- Exam & Post - 16 Destination

YEAR 10

Threats to data

- Malware
- Social Engineering
- Hacking
- Security
- Digital devices
- Graphs
- Macros
- Security

Spreadsheets

- Functions: =COUNTIF(D2:D9,5)
- Cells
- Filtering
- Mail merge
- Queries and reports
- Importing data

Databases

- Sorting data
- Fields and records

Project Management

- Project life cycle
- SMART targets
- SMART: Initiation, Evaluation, Planning, Execution

Data and information

- Collecting and storing data
- Big Data analysis
- Fields and records
- Boolean logic
- Python
- IDE

YEAR 9

Digital Detectives

- Digital crime
- Social media
- E-safety
- Image manipulation
- Web browsers
- Algorithms
- Pseudocode

Programming

- Boolean logic
- Python
- IDE

Spreadsheets

- Profit and loss
- Digital Marketing
- Sexual exploitation
- Sound manipulation
- Digital media
- Reliability and Validity
- The internet
- Data types
- Development of code

Website Development

- The World Wide Web
- Javascript

Animation

- Tweneeing
- Actionscript
- Frame by Frame Animation

Apps

- Home Screen and Navigation
- Appshed
- ppshed

YEAR 8

Spreadsheets

- Functions + Formulae
- Financial Models
- Validation
- The Internet
- HTML
- CSS

Website Development

- The World Wide Web
- Javascript

Animation

- Tweneeing
- Actionscript
- Frame by Frame Animation

Apps

- Home Screen and Navigation
- Appshed
- ppshed

YEAR 7

Programming

- While loops
- Variable
- IDE

Understanding Computers

- Input, process, output
- Hardware
- E-Safety

Introduction to Computing

- Folder structures
- Saving files

*N.B.- STEM subjects underlined