



Learning Journey:
AQA GCSE COMPUTER SCIENCE –
(8525)



Exam Practice / Past Papers / Exam Technique

KS5

YEAR
11

PYTHON

String handling

Databases

Testing Code

Ethical, Legal and
Environmental Issues

Cyber Security
Threats

Network Security

Network
Protocols

Network Types
Wired Vs.
Wireless

Computer
Networks

Secondary
Storage

Structured
Programming

Data
Representation
Binary, HEX,
Decimal

Data
Representation
Images & Sound

File
Compression
techniques

PYTHON
Subroutines

Hardware and
Software

PYTHON
Data Validation and
Authentication

Logic Gates

Operating
Systems

Sorts & Searches

CPU
Performance

PYTHON
Data Structures
Arrays & Records

YEAR
10

Computational
Thinking

Flow
Diagrams

Writing and
interpreting
Pseudocode

Algorithm
Efficiency

Trace
Tables

PYTHON
Data Types &
Variables

PYTHON
Sequence, Selection
And Iteration