Computer Science
LEARNING JOURNEY

NLS

A Level Exams

- Mock Exam
- Revision

Year 13 – Programming

- Algorithms
- Social, Moral & Legal Issues
- Mock Exam
- Non-Examined Assessment Programming Project
- Progression Exam
- Data Types
- Exchanging Data
- Mock Exam
- Software Development
- Computational Thinking
- Problem Solving
- CPU, Input, Output & Storage

Year 12 – Programming

- Integrated Development Environment
- GCSE Exams
- Revision
- Robust Programs
- Computational Thinking
- Social, Moral & Legal Issues
- Mock Exam
- Network Security
- Boolean Logic
- Algorithms
- Software
- Storage
- Networks

Year 11 – Programming

- Progression Exam
- Social, Moral and Legal Issues
- Software
- Binary Number Systems
- Memory and Storage
- Network Security
- Networks
- Structure and Function of CPU

Year 10 – Programming

- Text Based Adventure Game with Twine
- Programming with HTML and CSS
- Searching and Sorting Algorithms
- Programming with Python
- Women In Computing
- Cyber Missions

Year 9

- Computer Science Pioneers
- Programming with Python
- Computer Control
- Binary Images & Sound
- Cyber Challenges
- Computational Thinking

Year 8

- Programming with Microbits
- Computer Networks
- Programming with HTML
- Binary & ASCII
- What is a Computer?

Year 7

- Using a Computer

KS5

Computing Club

CISCO Networking Academy Certificate

International Schools Awareness - Social, Moral & Legal Issues

National Video Game Museum Vist

Skills Development Club

KS4

Computing Club

CISCO Networking Academy Certificate

International Schools Awareness - Social, Moral & Legal Issues

Skills Development Club

KS3

Computing Club

Idea Awards

Self Study

Wider Curriculum

COMPUTER SCIENCE

Commitment, Opportunity, Respect, Excellence