

Computer Science

2023-2024

Curriculum Outline

YEAR 7

Understanding Computers

2

Games Programming in Scratch

1

Graphics

2

3

Using Computers Safely, Effectively and Responsibly

2

3

Control Systems with Flowol

1

2

micro:bit

1

2

YEAR 8

Sound Manipulation in Audacity

2

3

Introduction to Python

1

2

Networks

2

3

Creating a Video

2

3

HTML and Website Development

1

2

Computer Crime and Cyber Security

3

YEAR 9

AI and Machine Learning

1

2

3

First Steps in Small Basic

1

2

Computational Thinking and Logic

1

Database Development

1

2

Python: Next Steps

1

2

Python Project

1

2

3

Next Steps:

GCSE Computer Science

Cambridge National in Creative iMedia



1 Computational Thinking, Algorithms and Programming

2 Computer Systems

3 Digital Literacy