

# Gordon's School Computing Department



#### **Key Words / Skills:**

**Digital Literacy** 

Programming with blocks

Computers as a system

HTML and CSS

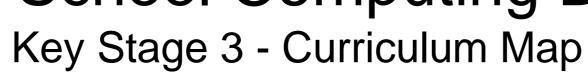
Event based Programming.

**Text based Programming** 

Hardware

**Computational Thinking** 

Data





A refresher on MS office products and some new skills

## **Data Science**

How to filter, use & present Data to support your point

#### Data representation

Understanding how your devices represent sounds and images.

#### Experience Al

How AI works and its uses











#### Python programming

Introduction to text-based coding



Mobile app development

Creating a Mobile app



Media - Vector Graphics

Creating scalable images from shapes

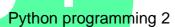




Computational thinking & Bebras Challenge

Problem solving approaches.





Text based programming for data structures



#### Cyber security

Understanding threats and preventing them



#### Web development

**Designing and Creating** webpages



#### Computer Hardware

Understanding the role of components



## Year 8

Programming in scratch 2

Continuing with programming structures



#### Networks

**Understanding how** devices communicate



# Year 7

Introduction to Gordon's & Surface Go / Using computers safely and effectively.

Word Processors and Blogs

Create a blog for a target audience.

#### Spreadsheets

Use spreadsheets to manipulate and view



#### Programming Scratch 1

Using Scratch to learn basic programming structures.





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