

# Year 7 Computing and Digital Skills Learning Journey

Year 7

## Digital Skills

We will learn about file management, using presentation and word processing software.

Develop your typing skills

## Scratch Programming

Discover how to create a game using Scratch programming.

Engage in a discussion about gaming ethics.

## Cyberexplorers

Use an online platform to develop your cyber skills

## Binary

Investigating how computers represent numbers and text using binary digits

## WWW vs the internet

Investigating the difference between the www and the internet.

Exploring how search engines work

## COMPUTATIONAL THINKING

Exploring how to apply computational thinking to find solutions to real world problems.

Learn how to flow chart an algorithm using Flowol

## Python Programming

Introduction to Text-Based Programming

Exploring the programming concepts of sequence, selection, and iteration using Python.

## Data Science Project

Wildlife Project  
Modelling data through spreadsheets  
Utilising formulas and functions in spreadsheet software  
Data Visualisation  
Creating a Photoshop banner  
Focusing on endangered animals and technology

## Kodu Game Development

Apply your problem-solving skills to create a 3D game.

