



Computing: Year 7 Overview

Autumn Term 1: Clear Messaging in Digital Media

Students will be able to combine the use of digital tools and online collaboration to produce a piece of media in the form of a presentation or leaflet. They are introduced to tools such as Canva, Publisher and PowerPoint.

Autumn Term 2: Networks – From Semaphores to the Internet

Students will be able to recognise the different networking hardware and explain how each component is used for communication. The students are introduced to the world wide web as well as wired and wireless communication technologies.

Spring Term 1: Programming Essentials in Scratch Part I

Students will be learning and applying the programming constructs of Sequence, Selection and iteration in Scratch. The students will be introduced to programming constructs in this block that will be transferred to other programming languages as they progress through key stage 3.

Spring Term 2: Modelling data using Spreadsheets

Students will be learning how to sort and filter data using formulas and functions in spreadsheet software. The students will be introduced to the functions, formulas and data that will be further visited as they progress through key stage 3.

Summer Term 1: Programming Essentials in Scratch Part II

Students will be continuing from their previous set of lessons and building on them by creating a Scratch project to showcase their learning.

Summer Term 2: Using media - gaining support for a cause

Students will be learning how to use a word processor to create a fully formatted report that will be used to gain support for a cause that they will choose. Students will be introduced to fact finding, credibility of authors, referencing and formatting techniques.