



COMPUTING OVERVIEW 2021-2022

COMPUTING	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 1	Communication What skills do we need to use a keyboard and a mouse?	Programming What are algorithms used for?	Multimedia How do we take a picture?	Data What can we use to group information?	Digital Literacy How can we navigate a website safely?	Communication How is technology used around us?
Year 2	Communication What technology is used outside of school? How do we stay safe online?	Digital Literacy How can you tell fake from real news? How can we use the internet responsibly?	Programming What are debugs in an algorithm?	Data What is a branching database? How can we interrogate a database?	Microsoft Teams How can we work collaboratively on a word document?	Multimedia How can we take and play back a video/audio?
Year 3	Digital Literacy How do digital devices function? What is a network?	Data How do we create a branching database, graph and table, using filter and sort?	Multimedia How do we use basic functions of video editing?	Communication How can we send an email and attachment safely?	Microsoft Teams How can we create a quiz using Teams?	Programming How can we include a simple loop in your algorithm?
Year 4	Data How can we add formulae to spreadsheets and creating graphs?	Multimedia How can we use filters to manipulate images?	Communication How can we make notes from research and present them with confidence?	Programming – Pt. 1 How can we use crumble kits, decomposing algorithms and IF functions?	Programming – Pt. 2 How can we use Scratch to decompose algorithms and produce continuous loops?	Multimedia How can we plan and record stop motion animation?
Year 5	Communication How can we plan and present a PPT with images, clips, maps and themes?	Data How can we use more advanced searches in a database using formulae?	Programming How can we use Crumble Kits with repeated loops and conditions?	Multimedia How can we use more advanced features of video editing (compatibility, background music, trimming/ordering)?	Microsoft Teams How can we use a variety of question types and publish a quiz?	Multimedia How can we use 3D design?
Year 6	Data How can we create and design a spreadsheet for a specific purpose?	Communication How can we create a 'how to' guide for a specific purpose using Padlet/PPT?	Digital Research and Literacy How can we complete refined searches and understand how results are ranked?	Programming- Pt 1 How can we write a program for a specific purpose using Scratch?	Programming - Pt 2 How can we write a program for a specific purpose using Scratch?	Multimedia How can we create and edit an animation for a given purpose?