



Computing Long Term Overview

Subject Leader: Mrs Alty

2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception						
Year 1	Key Skills	How do I use the computer independently?	How do I record sounds and pictures?	What is an algorithm?	How do I present data using pictures?	What is a program?
Year 2	What is a computer? Using a computer?	How do I use the computer as a writer?	How do I create a multimedia story?	How do I improve my algorithms?	What is a branching database?	How do I improve my programs?
Year 3	How do I use the school computers?	What makes a good poster?	How do I use the computer as a musician?	How do we use databases to find information?	How do I use repetition in programs to make them more efficient?	How do I use forever loops in programs?
Year 4	How do I use the computer as an artist?	What makes an excellent multimedia story?	How do I write efficient programs?	How is data shared online?	How do I use selection in a program?	Communication and collaboration. Positive use of the Internet.
Year 5	How do I become and efficient computer user?	How do we collaborate online?	How do I create a radio advert?	How do I program physical systems?	How do I find and share data responsibly?	How do I use variables in programs?
Year 6	How do I use the computer as a designer?	What makes an excellent film?	How do I build complex physical systems?	Why do we use spreadsheets?	How do I design complex programs?	Online Safety portfolio.

Events/trips



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