

Whole School COMPUTING Overview

Focus	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Continuous provision in the classroom: <u>Computing through continuous provision.</u>	Computing systems and networks <u>Improving mouse skills</u>	Computing systems and networks <u>What is a computer?</u>	Computing systems and networks 1 <u>Networks</u>	Computing systems and networks <u>Collaborative learning - Google</u>	Computing systems and networks 1 <u>Search engines</u>	Computing systems and networks 1 <u>Bletchley Park and the history of computers</u>
Autumn 2	<u>Computing systems and networks 1: Using a computer</u>	Programming 1 <u>Algorithms unplugged</u>	Programming 1 <u>Algorithms and debugging</u>	Programming <u>Scratch</u>	Programming1 <u>Further coding with scratch</u>	Programming 1 <u>Music</u>	Computer systems and networks <u>Exploring AI</u>
Spring 1	Computing Systems and Networks 2 <u>Exploring Hardware</u>	Creating Media <u>Rocket To The Moon</u>	Computing systems and networks 2 <u>Word processing</u>	Computing systems and networks 2 <u>Emailing - Google</u>	Creating Media <u>Website design</u>	Data Handling <u>Mars Rover 1</u>	Data handling <u>Big data 1</u>
Spring 2	Programming 1 <u>All about instructions</u>	Programming 2 <u>Programming Bee-Bots</u>	Programming 2 <u>Programming: ScratchJr</u>	Computing systems and networks 3 <u>Journey Inside a Computer</u>	Skills showcase <u>HTML</u>	Programming 2 <u>Micro:bit</u>	Programming <u>Intro to Python</u>
Summer 1	Programming 2 <u>Exploring hardware</u>	Creating Media <u>Digital Imagery</u>	Creating Media <u>Using Tablets</u>	Creating Media <u>Using iPads</u>	Programming 2 <u>Computational thinking</u>	<u>Creating Media</u> <u>Stop motion animation</u>	Data handling <u>Big data 2</u>
Summer 2	Data Handling <u>Introduction to data</u>	Data Handling <u>Introduction to data</u>	Data Handling <u>International Space</u>	Data Handling <u>Comparison cards</u>	Data Handling <u>Investigation</u>	<u>Data handling & Skills showcase</u>	Skills showcase <u>Inventing a</u>

			<u>Station</u>	<u>databases</u>	<u>weather</u>	<u>Mars Rover 2</u>	<u>product</u>
Online Safety		Online Safety Y1	Online Safety Y2	Online Safety Y3	Online Safety Y4	Online Safety Y5	Online Safety Y6