

# Mandale Mill Primary School

## Computing Long Term Plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception		<a href="#"><u>Programming: All About Instructions</u></a>	<a href="#"><u>Computing Systems and Networks: Exploring Hardware</u></a>	<a href="#"><u>Programming: Programming Bee-Bots</u></a>	<a href="#"><u>Data Handling: Introduction to Data</u></a>	<a href="#"><u>Computing Systems and Networks: Using a Computer</u></a>
Year 1/2 Cycle A	<a href="#"><u>Computing systems and networks: Improving mouse skills</u></a>	<a href="#"><u>Programming: Commands Unplugged</u></a>	<a href="#"><u>Skills Showcase: Rocket to the Moon</u></a>	<a href="#"><u>Computing Systems and Networks: What is a computer?</u></a>	<a href="#"><u>Programming: Algorithms and Debugging</u></a>	<a href="#"><u>Computing Systems and Networks: Word Processing</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					
Year 1/2 Cycle B	<a href="#"><u>Programming: Bee-Bots</u></a>	<a href="#"><u>Creating Media: Digital Imagery</u></a>	<a href="#"><u>Data Handling: Introduction to Data</u></a>	<a href="#"><u>Programming: Introduction to Block Coding (Scratch Jr.)</u></a>	<a href="#"><u>Creating Media: Stop Motion</u></a>	<a href="#"><u>Data Handling: International Space Station</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					
Year 3/4 Cycle A	<a href="#"><u>Computing Systems and Networks: Emailing</u></a>	<a href="#"><u>Programming: Scratch</u></a>	<a href="#"><u>Creating Media: Video Trailers</u></a>	<a href="#"><u>Creating Media: Website Design</u></a>	<a href="#"><u>Programming: Further Scratch</u></a>	<a href="#"><u>Programming: Computational Thinking</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					
Year 3/4 Cycle B	<a href="#"><u>Computing Systems and Networks: Networks</u></a>	<a href="#"><u>Data Handling: Comparison Card Databases</u></a>	<a href="#"><u>Computing Systems and Networks: Journey inside a Computer</u></a>	<a href="#"><u>Computing Systems and Networks: Collaborative Learning</u></a>	<a href="#"><u>Data Handling: Investigating Weather</u></a>	<a href="#"><u>Skills Showcase: HTML</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					
Year 5	<a href="#"><u>Computing Systems and Networks: Search Engines</u></a>	<a href="#"><u>Programming: Music on Scratch</u></a>	<a href="#"><u>Programming: BBC Micro:bit</u></a>	<a href="#"><u>Data Handling: Mars Rover</u></a>	<a href="#"><u>Creating Media: Stop Motion Animation</u></a>	<a href="#"><u>Skills Showcase: Mars Rover</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					
Year 6	<a href="#"><u>Computing Systems and Networks: Bletchley Park and the History of Computers</u></a>	<a href="#"><u>Computing Systems and Networks: Exploring AI</u></a>	<a href="#"><u>Data Handling: Big Data</u></a>	<a href="#"><u>Programming: Exploring Python</u></a>	<a href="#"><u>Data Handling: Big Data</u></a>	<a href="#"><u>Skills Showcase: Inventing a Product</u></a>
	<a href="#"><u>Online Safety</u></a> (1 lesson per half term)					