



## Computing - Long Term Plan- 2-Year Cycle

	EYFS	KS1	
	Cycle A	Cycle A (23-24)	Cycle B (24-25)
Autumn 1		<b>Computing Systems and Networks-</b> Improving Mouse Skills	<b>Programming</b> Bee Bots or Bee bots Virtual
Autumn 2	<b>Computing Systems and Networks:</b> Using a Computer	<b>Programming-</b> Algorithms Unplugged	<b>Creating Media-</b> Digital Imagery
Spring 1	<b>Programming:</b> All about instructions	<b>Skills Showcase-</b> Rocket to the Moon	<b>Data Handling –</b> Introduction to Data
Spring 2	<b>Computing systems and networks:</b> Exploring hardware	<b>Computing Systems and Networks-</b> What is a computer?	<b>Programming</b> Scratch Junior
Summer 1	<b>Programming:</b> Programming Bee-Bots	<b>Programming-</b> Algorithms and debugging	<b>Creating Media-</b> Stop Motion
Summer 2	<b>Data handling:</b> Introduction to data	<b>Computing Systems and Networks</b> Word Processing	<b>Data Handling –</b> International Space Station
Online Safety	<b>Being Safe online.</b>	<b>Year 2</b>	<b>Year 1</b>



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	Year 3/4		Year 5/6	
	Cycle A	Cycle B (24-25)	Cycle A	Cycle B (24-25)
Autumn 1	<b>Computing systems and networks</b> Emailing	<b>Computing systems and networks</b> Networks and the internet	<b>Programming</b> Micro: bit	<b>Programming</b> Programming music
Autumn 2	<b>Programming</b> Scratch	<b>Data handling</b> Comparison Cards Databases	<b>Data handling</b> Mars Rover 1	<b>Creating Media</b> Stop Motion animation
Spring 1	<b>Creating Media</b> Video Trailers	<b>Computing systems and networks</b> Journey inside a computer	<b>Skills showcase</b> Mars Rover 2	<b>Computing systems and networks</b> Search Engines
Spring 2	<b>Creating Media</b> Website Design	<b>Computing systems and networks</b> Collaborative Learning (Office 365)	<b>Computing systems and networks</b> Bletchley Park	<b>Data handling</b> Big Data 1
Summer 1	<b>Programming</b> Further coding with Scratch	<b>Data handling</b> Investigating Weather	<b>Creating Media</b> History of Computers	<b>Data handling</b> Big Data 2
Summer 2	<b>Programming</b> Computational Thinking	<b>Skills showcase</b> HTML	<b>Skills Showcase</b> Inventing a Product	<b>Programming</b> Introduction To Python
Online Safety	<b>Year 4</b>	<b>Year 3</b>	<b>Year 6</b>	<b>Year 5</b>