

Computing Long Term Plan for the Academic Year 2022/2023

Block Year Group	Block 1	Block 2	Block 3	Block 4
EYFS	<b>Computing systems and networks</b> Using a computer (All 5 lessons)	<b>Programming 1</b> All about instructions (All 5 lessons)	<b>Programming 2</b> Exploring hardware (4 lessons: 1-4 only)	<b>Data handling</b> Introduction to data (4 lessons: 1-4 only)
	<b>Online Safety</b>			
Year 1 (Year A)	<b>Computing systems and Networks</b> Improving mouse skills (3 lessons: 1-3 only)	<b>Programming 1: Algorithms unplugged</b> Algorithms unplugged (4 lessons: 1, 2, 4 and 5 only)	<b>Creating media</b> Digital imagery (Option 1: Google (Option 2: Microsoft Office 365) (3 lessons: 1-3 only)	<b>Programming 2</b> Bee-bot (Option 1: Bee-Bot) (Option 2: Virtual Bee-Bot) (4 lessons: 1, 3, 4 and 5 only)
	<b>Online Safety</b> Online safety Y1 (All 4 lessons)			
Year 2 (Year B)	<b>Computing systems and networks 1</b> What is a computer? (3 lessons: 1, 2 and 5 only)	<b>Programming 1</b> Algorithms and debugging (4 lessons: 1, 2, 4 and 5 only)	<b>Data handling</b> International Space Station (3 lessons: 1, 3 and 5 only)	<b>Programming 2</b> ScratchJr (4 lessons: 1, 2, 4 and 5 only)
	<b>Online Safety</b> Online safety Y2 (4 lessons: Teach all five by combining lessons 3 and 4)			
Year 3 (Year A)	<b>Computing systems and networks 1</b> Networks and the internet (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3 and 5 only)	<b>Computing systems and networks 3</b> Journey inside a computer (3 lessons: 1, 2 and 5 only)	<b>Creating media</b> Video trailers (Option 1: Using devices other than iPads) (Option 2: Using iPads) (4 lessons: 1-4 only)	<b>Programming</b> Programming: Scratch (4 lessons: 1, 2, 3 and 5 only)

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	<b>Online Safety</b> Online safety Y3 (All 4 lessons)			
<b>Year 4</b> (Year B)	<b>Computing systems and Networks</b> Collaborative learning (Option 1: Google) (Option 2: Microsoft Office 365) (4 lessons: 1, 3, 4 and 5)	<b>Programming 1</b> Further coding with Scratch (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 2-4 only)	<b>Data Handling</b> Investigating weather (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3, 4 and 5)	<b>Programming 2</b> Programming music (Option 1: Sonic Pi) (Option 2: Scratch) (4 lessons: 1-4)
	<b>Online Safety</b> Online safety Y5 (3 lessons: 1, 4 and 5)			
<b>Year 5</b> (Year A)	<b>Computing systems and Networks</b> Search engines (Option 1: Google) (Option 2: Microsoft Office 365) (4 lessons: 1-4)	<b>Data Handling</b> Mars Rover 1 (3 lessons: 1, 2 and 4)	<b>Creating media</b> Stop motion animation (Option 1: Stop Motion Studio) (Option 2: with cameras) (4 lessons: 1-4)	<b>Programming</b> Programming music (Option 1: Sonic Pi) (Option 2: Scratch) (4 lessons: 1-4)
	<b>Online Safety</b> Online safety Y5 (3 lessons: 1, 4 and 5)			
<b>Year 6</b> (Year B)	<b>Computing systems and Networks</b> Bletchley Park (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1-3)	<b>Data Handling</b> Big data 1 (4 lessons: 1, 3, 4 and 5)	<b>Creating media</b> History of computers (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 3-5)	<b>Programming</b> Intro to Python (4 lessons: 1-4)
	<b>Online Safety</b> Online safety Y6 (4 lessons: 1, 2, 4 and 6)			