

Computing Long Term Plan 2024-2025

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer
EYFS	Computing systems and networks	Programming	Computing systems and networks	Data handling	N/A
	Using a computer (All 5 lessons)	All about instructions (All 5 lessons)	Exploring hardware (4 lessons: 1-4 only)	Introduction to data (4 lessons: 1-4 only)	
Year 1	Computing systems and networks	Programming 1	Creating media	Programming 2	Online safety
	Improving mouse skills (3 lessons: 1-3 only)	Algorithms unplugged (4 lessons: 1, 2, 4 and 5 only)	Digital imagery (3 lessons: 1-3 only)	Bee-bot (Option 1: Bee-Bot) (Option 2: Virtual Bee-Bot) (4 lessons: 1, 3, 4 and 5 only)	Online safety Y1 (All 4 lessons)
Year 2	Computing systems and networks 1	Programming 1	Data Handling	Programming 2	Online safety
	What is a computer? (3 lessons: 1, 2 and 5 only)	Algorithms and debugging (4 lessons: 1, 2, 4 and 5 only)	International Space Station (3 lessons: 1, 3 and 5 only)	Introduction to block coding Option 1: MakeCode (4 lessons: 1-4 only) Option 2: ScratchJr (4 lessons: 1, 2, 4 and 5 only)	Online safety Y2 (All 4 lessons)
Year 3	Computing systems and networks 1	Computing systems and networks 3	Creating media	Programming	Online safety
	Networks (3 lessons: 1, 3 and 5 only)	Journey inside a computer (3 lessons: 1, 2 and 5 only)	Video trailers (Option 1: Using devices other than iPads) (Option 2: Using iPads) (4 lessons: 1-4 only)	Programming: Scratch (4 lessons: 1, 2, 3 and 5 only)	Online safety Y3 (4 lessons: Teach all five by combining lessons 4 and 5)

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	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer
Year 4	Computing systems and networks	Programming 1	Data Handling	Programming 2	Online safety
	Collaborative learning (Option 1: Google) (Option 2: Microsoft Office 365) (4 lessons: 1, 3, 4 and 5)	Further coding with Scratch (3 lessons: 2-4 only)	Investigating weather (3 lessons: 1, 3, and 4)	Computational thinking (4 lessons: 1-4 only)	Online safety Y4 (4 lessons: 1, 2, 3 and 5)
Year 5	Computing systems and networks	Data Handling	Creating media	Programming	Online safety
	Search engines (4 lessons: 1-4)	Mars Rover 1 (3 lessons: 1, 2 and 4)	Stop motion animation (Option 1: Stop Motion Studio) (Option 2: with cameras) (4 lessons: 1-4)	Programming: Music (4 lessons: 1-4)	Online safety Y5 (3 lessons: 1, 4 and 5)
Year 6	Computing systems and networks	Data Handling	Computing systems and networks	Programming	Online safety
	Bletchley Park and the history of computers (3 lessons: 1-3)	Big data 1 (4 lessons: 1, 3, 4 and 5)	Exploring AI (3 lessons: 1, 2 and 5)	Intro to Python (4 lessons: 1-4)	Online safety Y6 (4 lessons: 1, 2, 4 and 6)