

Levendale Computing Programme: Topics

	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5
EYFS	<p>Computing systems and networks</p> <p>Using a computer (All 5 lessons)</p>	<p>Programming 1</p> <p>All about instructions (All 5 lessons)</p>	<p>Programming 2</p> <p>Exploring hardware (4 lessons: 1-4 only)</p>	<p>Data handling</p> <p>Introduction to data (4 lessons: 1-4 only)</p>	N/A
Year 1	<p>Computing systems and networks</p> <p>Improving mouse skills (3 lessons: 1-3 only)</p>	<p>Programming 1</p> <p>Algorithms unplugged (4 lessons: 1, 2, 4 and 5 only)</p>	<p>Creating media</p> <p>Digital imagery (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1-3 only)</p>	<p>Programming 2</p> <p>Bee-bot (Option 1: Bee-Bot) (Option 2: Virtual Bee-Bot) (4 lessons: 1, 3, 4 and 5 only)</p>	<p>Online safety</p> <p>Online safety Y1 (All 4 lessons)</p>
Year 2	<p>Computing systems and networks 1</p> <p>What is a computer? (3 lessons: 1, 2 and 5 only)</p>	<p>Programming 1</p> <p>Algorithms and debugging (4 lessons: 1, 2, 4 and 5 only)</p>	<p>Data Handling</p> <p>International Space Station (3 lessons: 1, 3 and 5 only)</p>	<p>Programming 2</p> <p>ScratchJr (4 lessons: 1, 2, 4 and 5 only)</p>	<p>Online safety</p> <p>Online safety Y2 (4 lessons: Teach all five by combining lessons 3 and 4)</p>
Year 3	<p>Computing systems and networks 1</p> <p>Networks and the internet (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3 and 5 only)</p>	<p>Computing systems and networks 3</p> <p>Journey inside a computer (3 lessons: 1, 2 and 5 only)</p>	<p>Creating media</p> <p>Video trailers (Option 1: Using devices other than iPads) (Option 2: Using iPads) (4 lessons: 1-4 only)</p>	<p>Programming</p> <p>Programming: Scratch (4 lessons: 1, 2, 3 and 5 only)</p>	<p>Online safety</p> <p>Online safety Y3 (All 4 lessons)</p>

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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 (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 2-4 only)	Investigating weather (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3, 4 and 5)	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 (Option 1: Google) (Option 2: Microsoft Office 365) (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 (Option 1: Sonic Pi) (Option 2: Scratch) (4 lessons: 1-4)	Online safety Y5 (3 lessons: 1, 4 and 5)
Year 6	Computing systems and networks	Data Handling	Creating media	Programming	Online safety
	Bletchley Park (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1-3)	Big data 1 (4 lessons: 1, 3, 4 and 5)	History of Computers (3 lessons: 3-5)	Intro to Python (4 lessons: 1-4)	Online safety Y6 (4 lessons: 1, 2, 4 and 6)