Leigh St Mary's Church of England Primary School
Computing Long Term Plan - Kapow

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

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