

COMPUTING CURRICULUM LONG-TERM OVERVIEW 2023-2024



	1st	2nd	Choose what order to teach this in					
YEAR GROUP	Online Safety	Computing systems and networks	Creating Media	Data Handling	Basic I.T. skills	Programming		
Reception		Computing systems and networks 1: Using a computer Kapow Unit- 5 lessons		Data Handling: Introduction to data Kapow unit- 5 lessons	Computing systems and networks 2: Exploring hardware Kapow unit- 5 lessons	Programming 1: All about instructions Kapow unit- 5 lessons	Programming 2: Programming Beebots Kapow unit- 5 lessons	Using the code-a-pillar programming to get to a location.
Year 1	Online Safety Year 1 Kapow unit- 4 lessons	Computing systems and networks (improving mouse skills)	Creating Media: Digital Imagery Kapow unit- 6 lessons	Data Handling: Introduction to data Kapow unit- 5 lessons		Programming 1: Algorithms unplugged Kapow unit- 2	Programming 2: Beebot Kapow unit- 6 lessons	Daisy the Dinosaur

		Kapow unit- 4 lessons				lessons to start algorithms Spheros – Using the drawing feature to control them- 5 lessons		
Year 2	Online Safety-Year 2 Kapow unit- 5 lessons	Computing systems and networks 1: What is a computer? Kapow unit - 5 lessons	Creating media: Stop motion tablet devices Kapow unit - 5 lessons	Data Handling: International Space station Kapow unit- 5 lessons	Computing systems and networks 2: Word processing Kapow unit - 5 lessons	Programming 1 Algorithms and Debugging Kapow unit - 5 lessons Alex- 3 lessons	Programming 2 Scratch Junior Kapow unit – 5 lessons	Sphero – beginning to learn how to code using the block coding. Focus on 'Movement, Light and Speaking.' 4 lessons
Year 3	Online Safety-Year 3 Kapow unit- 5 lessons	Computing systems and networks 1: Networks and the internet Kapow unit 6 lessons	Creating media: Video trailers Kapow unit- 6 lessons (Use iMovie as the platform not the	Data handling: Comparison cards databases Kapow unit 6 lessons	Computing systems and networks 2: Emailing Kapow unit 6 lessons		Programming Scratch Kapow unit- 5 lessons	Spheros- continue to block code them- 5 lessons

			suggestion on Kapow.)					
Year 4	Online Safety-Year 4 Kapow unit- 5 lessons	Computing systems and networks: Collaborative learning Kapow unit 6 lessons	Creating media: Website design Kapow unit- 6 lessons Stick Nodes on iPads- 3 lessons (see separate planning)	iPad Number		Programming 1: Further coding with Scratch Kapow unit- 5 lessons	Programming 2: Computational thinking Kapow unit- 5 lessons	Spheros – Continue to block-code them.
Year 5	Online Safety-Year 5 Kapow unit- 5 lessons	Computing systems and networks- Search engines: Kapow unit 6 lessons	Creating media: Stop motion animation: Kapow unit 6 lessons	Data Handling: Mars Rover 1 Kapow unit 5 lessons	iPad Pages (use as a platform and make cross-curricular)	Programming 1- Music Kapow unit. Use Garageband as the platform not the suggestion on Kapow.	Programming 2- Micro:bit Kapow unit 5 lessons	Spheros – More complicated coding
Year 6	Online Safety-Year 5 Kapow unit- 6 lessons	Computing systems and networks- Bletchley Park Kapow unit 6 lessons	Creating media: History of computers Kapow unit 5 lessons	Data Handling 1: Big data 1 Kapow unit 5 lessons Microsoft Excel – simple formula's, creating statistics, creating graphs,	iPad Keynote (use as a platform and make cross-curricular)	Programming: Intro to Python Kapow unit 5 lessons	Programming 2- Micro:bit Kapow unit 5 lessons	Lego Wedo

				(Can link to maths – working out mean averages, intervals, percentages with pie charts etc).				
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