

Computing Long Term Plan



Kapow
Primary

Suggested long-term plan: Computing - Overview (EYFS and KS1)

Years 1-6 include an Online Safety unit each. See the: [Guidance: How to fit in our Online safety units](#) for information about how to include these in your curriculum time. All units have five lessons unless otherwise stated.

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Online safety
EYFS	Set up continuous provision in your classroom: Computing through continuous provision	Computing systems and networks Using a computer	Programming 1 All about instructions	Computing systems and networks Exploring hardware	Programming 2 Programming Bee-Bots	Data handling Introduction to data	
Year 1	Computing systems and networks Improving mouse skills	Programming 1 Algorithms unplugged	Skills showcase Rocket to the moon	Programming 2 Programming Bee-bots Option 1: Bee-Bots Option 2: Virtual Bee-bots	Creating media Digital Imagery	Data handling Introduction to data	Online safety Online safety Y1 (5 lessons)
Year 2	Computing systems and networks 1 What is a computer?	Programming 1 Algorithms and debugging	Computing systems and networks 2 Word processing	Programming 2 Option 1: MakeCode Option 2: Scratch Jr	Creating media Stop motion Option 1: Using tablets Option 2: Using desktops/laptops	Data handling International Space Station	Online safety Online safety Y2 (4 lessons)

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Kapow Primary Suggested long-term plan: Computing - Overview (Lower and upper KS2)							
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Online safety
Year 3	Computing systems and networks 1	Programming	Computing systems and networks 2	Computing systems and networks 3	Creating media	Data handling	Online safety
	Networks	Programming: Scratch	Emailing Option 1: Google Office 365 Option 2: Microsoft Office 365	Journey inside a computer	Video trailers Option 1: Using devices other than iPads. Option 2: Using iPads	Comparison cards databases	Online safety Y3 (5 lessons)
Year 4	Computing systems and networks	Programming 1	Creating media	Skills showcase	Programming 2	Data handling	Online safety
	Collaborative Learning Option 1: Google Office 365 Option 2: Microsoft Office 365	Further coding with Scratch	Website design Option 1: Google Office 365 Option 2: Microsoft Office 365	HTML	Computational thinking	Investigating weather	Online safety Y4 (5 lessons)
Year 5	Computing systems and networks	Programming 1	Data handling	Programming 2	Creating media	Skills showcase	Online safety
	Search engines	Programming: Music	Mars Rover 1	Micro:bit	Stop motion animation Option 1: Stop motion studio Option 2: Using cameras	Mars Rover 2	Online safety Y5 (5 lessons)
Year 6	Computing systems and networks	Computing systems and networks	Data handling	Programming	Data handling	Skills showcase	Online safety
	Bletchley Park and the history of computers	AI To be published October 2024.	Big data 1	Intro to Python	Big data 2	Inventing a product	Online safety Y6 (6 lessons)