



Computing Long Term Plan 2022-2023

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Early Years	Computing systems and networks 1: Using a computer https://www.kapowprimary.com/subjects/computing/eyfs/eyfs-years/using-a-computer/		Programming 1: All about instructions https://www.kapowprimary.com/subjects/computing/eyfs/eyfs-years/all-about-instructions/	Computing systems and networks 2: Exploring hardware https://www.kapowprimary.com/subjects/computing/eyfs/eyfs-years/exploring-hardware/	Programming 2: Programming Bee-Bots https://www.kapowprimary.com/subjects/computing/eyfs/eyfs-years/programming-bee-bots/	Data handling: Introduction to data https://www.kapowprimary.com/subjects/computing/eyfs/eyfs-years/an-introduction-to-data/
Year 1	KS1 Programming – Robot Maze Game In Scratch Jr	Computing systems and networks: Improving mouse skills https://www.kapowprimary.com/subjects/computing/key-stage-1/year-1/improving-mouse-skills/	Programming 1: Algorithms unplugged https://www.kapowprimary.com/subjects/computing/key-stage-1/year-1/algorithms-unplugged/	Programming 2: Bee-Bot https://www.kapowprimary.com/subjects/computing/key-stage-1/year-1/programming/programming-beebot/	Creating media: Digital imagery https://www.kapowprimary.com/subjects/computing/key-stage-1/year-1/new-unit-page-creating-media-digital-imagery/digital-imagery/	Online safety: Year 1 https://www.kapowprimary.com/subjects/computing/key-stage-1/year-1/year-1-online-safety/
Year 2	Video Creation KS1 - Animated Character Video)	Computing systems and networks 1: What is a computer? https://www.kapowprimary.com/subjects/computing/key-stage-1/year-2/what-is-a-computer/	Programming 1: Algorithms and debugging https://www.kapowprimary.com/subjects/computing/key-stage-1/year-2/algorithms-and-debugging/	Computing systems and networks 2: Word processing https://www.kapowprimary.com/subjects/computing/key-stage-1/year-2/new-unit-page-computing-systems-and-networks-2-word-processing/word-processing/	Online safety: Year 2 https://www.kapowprimary.com/subjects/computing/key-stage-1/year-2/online-safety/	Creating media: Stop motion https://www.kapowprimary.com/subjects/computing/key-stage-1/year-2/stop-motion-2/stop-motion-option-2-using-tablet-devices/
Year 3	Video Creation KS2 - iMovie Audio Description	Computing systems and networks 1: Networks and the internet https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-3/computing-systems-and-networks-1-networks-and-the-internet/networks-and-the-internet/	Programming: Scratch https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-3/programming-scratch/	Online safety: Year 3 https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-3/year-3-online-safety/	Computing systems and networks 3: Journey inside a computer https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-3/journey-inside-a-computer/	Creating media: Video trailers (Previously called 'Digital literacy') https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-3/digital-literacy-2/video-trailers-using-ipads-assessment/
Year 4	Presentation KS2 - Adobe Spark Post Poster	Computing systems and networks: Collaborative learning https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-4/collaborative-learning-2/collaborative-learning/	Online safety: Year 4 https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-4/year-4-online-safety/	Programming 1: Further coding with Scratch https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-4/new-unit-page-programming-1-further-coding-with-scratch/further-scratch/	Creating media: Website design https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-4/website-design-2/website-design/	Data handling: Investigating weather https://www.kapowprimary.com/subjects/computing/lower-key-stage-2/year-4/data-handling-investigating-weather/investigating-weather/
Year 5	Video Creation KS2 - Greenscreen News Report	Online safety: Year 5 https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-5/year-5-online-safety/	Computing systems and networks: Search engines https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-5/computing-systems-and-networks-search-engines/search-engines/	Programming 1: Music https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-5/new-unit-page-programming-music-option-2-scratch-suitable-for-tablets-and-chromebooks/	Data handling: Mars Rover 1 https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-5/mars-rover-1/	Programming 2: Micro:bit https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-5/microbit/

<p>Year 6</p>	<p>Networks KS2 - Search Engines - the computer science of how they work</p>	<p>Online safety: Year 6 https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-6/online-safety-year-6/</p>	<p>Computing systems and networks: Bletchley Park https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-6/computing-systems-and-networks-bletchley-park/bletchley-park-1-2/</p>	<p>Data handling 1: Big Data 1 https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-6/big-data-1/</p>	<p>Creating media: History of computers https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-6/history-of-computers/history-of-computer-5/</p>	<p>Data handling 2: Big Data 2 https://www.kapowprimary.com/subjects/computing/upper-key-stage-2/year-6/big-data-2/</p>
----------------------	--	---	--	---	--	---