Computing
Long term plan

Computing Long Term Plan

Year A	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Online safety
EYFS	Set up continuous provision in your classroom:	Computing systems and networks 1: Using a computer	Programming 1: All about instructions	Computing systems and networks 2: Exploring hardware	Programming 2: Programming Bee-Bots	Data handling: Introduction to data	
Year 1/2	Computing systems and networks: Improving mouse skills	Programming 1: Commands unplugged	Skills showcase: Rocket to the moon	Computing systems and networks 1: What is a computer?	Programming 1: Algorithms and debugging	Computing systems and networks 2: Word processing	Online safety: Year 1
Year 3/4	Google: Computing systems and networks 2: Emailing	Programming: Scratch	Video trailers – Option 1: Using devices other than iPads	Google: Creating media: Website design	Programming 1: Further coding with Scratch	Computational thinking	Online safety: Year 3
Year 5/6	*New* Programming 2: BBC micro:bit	Data handling: Mars Rover 1	Skills showcase: Mars Rover 2	Computing systems and networks: Bletchley Park and the history of computers	Computing systems and networks: Exploring AI	Skills showcase: Inventing a product	Online safety: Year 5

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Year B	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	Online safety
EYFS	Set up continuous provision in your classroom:	Computing systems and networks 1: Using a computer	Programming 1: All about instructions	Computing systems and networks 2: Exploring hardware	Programming 2: Programming Bee-Bots	Data handling: Introduction to data	
Year 1/2	Programming 2: Bee-Bots	Creating media: Digital imagery	Data handling: Introduction to data	Option 1: Programming 2: MakeCode	Stop motion – Option 1: Using tablets	Data handling: International Space Station	Online safety: Year 2
Year 3/4	Computing systems and networks 1: Networks	Data handling: Comparison cards databases	Computing systems and networks 3: Journey inside a computer	Google: Computing systems and networks: Collaborative learning	Data handling: Investigating weather	Skills showcase: HTML	Online safety: Year 4
Year 5/6	Programming 1: Music	Stop-motion animation – Option 1: Stop Motion Studio	Computing systems and networks: Search engines	Data handling 1: Big Data 1	Data handling 2: Big Data 2	Programming: Intro to Python	Online safety: Year 6