



Computing - Subject Longterm Plan

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS	Computing through continuous provision.	Programming 1: All about instructions	Computing Systems and Networks: Exploring hardware	Programming 2: Programming Beebots	Data Handling: Introduction to data	Computing systems and networks: Using a computer
Year 1	Computing Systems and Networks: Improving mouse skills	Programming 1: Commands unplugged Online Safety: Using the internet safely	Skills Showcase: Rocket to the moon Online Safety: Online emotions	Programming 2: Beebots Online Safety: Always be kind and considerate	Creating Media: Digital Imagery Online Safety: Posting and sharing online	Data Handling: Introduction to data Online Safety: How much time should we spend online?
Year 2	Computing Systems and Networks 1: What is a computer?	Programming 1: Algorithms and debugging Online Safety: What happens when I post on online?	Computing Systems and Networks 2: Word Processing Online Safety: How do I keep my things safe online?	Programming 2: Make Code Online Safety: It's my choice.	Creating Media: Stop Motion using tablets Online Safety: Is it true?	Data Handling: International Space Station
Year 3	Computing Systems and Networks 1: Networks	Programming: Scratch Online Safety: Beliefs, opinions, facts on the internet	Computing Systems and Networks 2: Emailing Online Safety: Who should I ask?	Computing Systems and Networks 3: Journey inside a computer Online Safety: When being online makes me upset	Creating Media: Video trailers. Using iPads Online Safety: Sharing of information	Data Handling: Comparison cards databases Online Safety: Rules of Social Media platforms
Year 4	Computing Systems and Networks: Collaborative Learning: Google	Programming 1: Further coding with Scratch Online Safety: What happens when I search online?	Creating Media: Website design Online Safety: How do companies encourage us to buy online?	Skills Showcase: HTML Online Safety: Fact, opinion or belief?	Programming 2: Computational thinking Online Safety: What is a bot?	Data Handling: Investigating weather Online Safety: What is my #TectTimetable like?



Year 5	Computing Systems and Networks: Search engines	Programming 1: Programming: Music Online Safety: Online protection	Data Handling: Mars Rover 1 Online Safety: Online communication	Programming 2: BBC micro:bit Online Safety: Online reputation	Creating Media: Stop motion animation: Stop motion studio Online Safety: Online bullying	Skills Showcase: Mars Rover 2 Online Safety: Online health
Year 6	Computing Systems and Networks: Bletchley Park and the history of computers Online Safety: Life online	Computing Systems and Networks: Exploring AI Online Safety: Sharing online	Data Handling: Big data 1 Online Safety: Creating a positive online reputation	Programming: Exploring Python Online Safety: Capturing evidence	Data Handling: Big data 2 Online Safety: Password Protection	Skills Showcase: Inventing a product Online Safety: Think before you click