The Orchards Primary Academy

Where learning has no limits and personal growth is endless…

Computing Long Term Overview

	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** Option 1: Bee-Bots	**Creating media** Digital Imagery	**Data Handling** Introduction to data	**Online Safety Y1**
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** ScratchJr	**Creating media** Stop Motion	**Data Handling** International Space Station	**Online Safety Y2**
Year 3	**Computing systems and networks 1** Networks	**Programming** Programming Scratch	**Computing systems and networks 2** Emailing	**Computing systems and networks 3** Journey inside a computer	**Creating media** Video trailers	**Data Handling** Comparison cards databases	**Online Safety Y3**
Year 4	**Computing systems and networks** Collaborative learning	**Programming 1** Further coding with Scratch	**Creating media** Website design	**Skills showcase** HTML	**Programming 2** Computational thinking	**Data Handling** Investigating weather	**Online Safety Y4**
Year 5	**Computing systems and networks** Search engines	**Programming 1** Programming music	**Data Handling** Mars Rover 1	**Programming 2** Micro:bit	**Creating media** Stop motion animation	**Skills showcase** Mars Rover 2	**Online Safety Y5**
Year 6	**Computing systems and networks** Bletchley Park	**Programming** Intro to Python	**Data Handling** Big data 1	**Creating media** History of Computers	**Data Handling** Big data 2	**Skills showcase** Inventing a product	**Online Safety Y6**