

Long Term Computing Plan



Longmoor
Community Primary School

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---------------|--|--|---|---|-------------------------------------|------------------------------------|
| EYFS | Computing through continuous provision | Computing systems and networks | Programming 1 | Computing systems and networks | Programming 2 | Data handling |
| | | Using a Computer (All 5 lessons) | All about Instructions (All 5 lessons) Online Safety week | Exploring Hardware (Lessons 1-4) | Introduction to Data (lessons 1-4) | Introduction to Data (lessons 1-4) |
| Year 1 | Computing systems and networks | Programming 1 | Skills showcase | Programming 2 | Creating media Data handling | Data handling |
| | Improving Mouse Skills (Lessons 1-3) | Algorithms Unplugged (Lessons 1,2,4 and 5) | Rocket to the moon Online Safety week | Bee-Bots (Lessons 1,2,4 and 5) | Digital imagery Google | Introduction to data |
| Year 2 | Computing systems and networks 1 | Programming 1 | Computing systems and networks 2 | Programming 2 | Creating media | Data handling |
| | What is a Computer? (Lessons 1, 2 and 5) | Algorithms & Debugging (Lessons 1,2,4 and 5) | Word Processing (Lessons 1, 3 and 5) Online Safety week | ScratchJr (Lessons 1,2, 4 and 5) | Stop Motion using ipads (5 Lessons) | International Space Station |
| | Computing systems and networks 1 | Programming | Computing systems and networks 2 | Computing systems and networks 3 | Creating media | Data handling |

Long Term Computing Plan



| | | | | | | |
|---------------|--|---|---|---|--|-------------------------------|
| Year 3 | Networks & Internet: Office 365 (Lessons 1,3 and 5) | Programming Scratch (Lessons 1,2,4 and 5) | Emailing Online Safety week | Journey Inside a Computer (Lessons 1,2 and 5) | Video Trailers: Using iPads (Lessons 1-4) | Comparison cards databases |
| Year 4 | Computing systems and networks | Programming 1 | Creating media | Skills showcase | Programming 2 | Data handling |
| | Collaborative Learning: Google (lessons 1,3,4 and 5) | Further Coding in Scratch: (Lessons 2-4) | Website Design: Microsoft Online Safety week | HTML 5 lessons | Computational Thinking (Lessons 1-4) | Investigate the weather |
| Year 5 | Computing systems and networks | Programming 1 | Data handling | Programming 2 | Creating media | Skills showcase |
| | Search Engines: Office 365 (Lessons 1-4) | Programming Music: Scratch (Lessons 1-4) | Mars Rover 1 (Lessons 1,2 and 4) Online Safety week | Micro:bit | Stop Motion Animation: Cameras (Lessons 1-4) | Mars Rover 2 |
| Year 6 | Computing systems and networks | Programming | Data handling | Creating Media | Data handling | Skills Showcase |
| | Bletchley Park: Office 365 (Lessons 1-3) | Intro to Python (Lessons 1-4) | Big Data 1 (Lessons 1,3,4 and 5) Online Safety week | History of Computers (Lessons 3-5) | Big Data 2 (Lessons 1,3,4 and 5) | Inventing a product |