



Lewknor Church of England Primary School



Computing Catch Up Long Term Plan

2024 - 2025

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
EYFS					
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	
Key Stage One					
Catch Up Unit 1	Computing systems and networks 1: What is a computer?	Programming 1: Algorithms and debugging	Programming 1: Scratch Jr	Computing systems and networks : Word Processing	Data handling: International Space Station
Lower Key Stage Two					
Catch Up Unit 1	Catch Up Unit 2	Computing systems and networks	Further coding with Scratch (Lesson 1, 2 and 3) Computational thinking (Lesson 1 and 2)	Creating media: Website design	Data Handling: Investigating weather
Upper Key Stage Two					
Catch Up Unit 1 (Year 6)	Catch Up Unit 2	Computing systems and networks: Search engines	Programming 1: Music	Creating media: Stop motion animation	Big Data 1



Lewknor Church of England Primary School

Computing Two Year Cycle



EYFS						
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
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		
Key Stage One						
Cycle A – 2025				Cycle B -2026		
Topic	Curriculum Year	Key Area		Topic	Curriculum Year	Key Area
Improving mouse skills	Year 1	Computing systems and networks	Autumn 1	Bee-bots Virtual Bee-bots	Year 1	Programming
Algorithms unplugged	Year 1	Programming	Autumn 2	Digital imagery	Year 1	Creating media
Rocket to the moon	Year 1	Skills showcase	Spring 1	Introduction to data	Year 1	Data handling
What is a computer?	Year 2	Computing systems and networks	Spring 2	Scratch Jr	Year 2	Programming
Algorithms and debugging	Year 2	Programming	Summer 1	Stop motion	Year 2	Creating media
Word processing	Year 2	Computing systems and networks	Summer 2	International space station	Year 2	Data handling
Year 1			Online safety	Year 2		



Lewknor Church of England Primary School

Computing Two Year Cycle



Lower Key Stage Two						
Cycle A - 2025				Cycle B - 2026		
Topic	Curriculum Year	Key Area		Topic	Curriculum Year	Key Area
Emailing	Year 3	Computing systems and networks	Autumn 1	Networks and the internet	Year 3	Computing systems and networks
Programming: Scratch	Year 3	Programming	Autumn 2	Comparison cards database: Goggle Option	Year 3	Data handling
Video trailers: Using devices other than iPads	Year 3	Creating media	Spring 1	Journey inside a computer	Year 3	Computing systems and networks
Website design: Google	Year 4	Computing systems and networks	Spring 2	Collaborative Learning: Google	Year 4	Computing systems and networks
Further coding with Scratch	Year 4	Programming	Summer 1	Investigating Weather	Year 4	Data handling
Computational thinking	Year 4	Computing systems and networks	Summer 2	HTML	Year 4	Skills showcase
Year 3			Online safety	Year 4		
Lower Key Stage Two						
Cycle A - 2025				Cycle B - 2026		
Topic	Curriculum Year	Key Area		Topic	Curriculum Year	Key Area
Micro:bit	Year 5	Programming	Autumn 1	Programming music: Scratch	Year 5	Programming
Mars Rover 1	Year 5	Data handling	Autumn 2	Stop animation: Stop animation studio	Year 5	Creating media
Mars Rover 2	Year 5	Skills showcase	Spring 1	Search engines	Year 5	Computing systems and networks
Bletchley Park	Year 6	Computing systems and networks	Spring 2	Big data 1	Year 6	Data handling
History of computers	Year 6	Creating media	Summer 1	Big data 2	Year 6	Data handling
Inventing a product	Year 6	Skills showcase	Summer 2	Introduction to python	Year 6	Programming
Year 5			Online safety	Year 6		

