Ravensden Primary Academy
Computing Coverage

EYFS	Online safety needs to be introduced and taught every year.
Autumn 1	
Autumn 2	Computing systems and networks 1: Using a computer
Spring 1	Programming 1: All about instructions
Spring 2	Computing systems and networks 2: Exploring hardware
Summer 1	Programming 2: Programming Bee-Bots
Summer 2	Data handling: Introduction to data
2025-2026	

KS1 Year 1 and 2 Cycle A	
Autumn 1	Year 1 and 2 online safety.
Autumn 2	Year 1 Kapow unit: Computing Systems and Networks: Improving mouse skills (5 lessons).
Spring 1	Year 1 Kapow unit: Programming 1: Algorithms unplugged (5 lessons).
Spring 2	Year 2 Kapow unit: Computing Systems and Networks 1: What is a computer? (5 lessons).
Summer 1	Year 1 Kapow unit: Programming 2: Bee Bots
Summer 2	Year 2 Kapow unit: Computing Systems and Networks 1: Word Processing
2026-2027	

KS1 Year 1 and 2 Cycle B	Before teaching any units, online safety needs to be covered for the new year 1's.
Autumn 1	Year 2 Kapow unit: Programming 1: Algorithms and Debugging (5 lessons)
Autumn 2	Year 2 Kapow unit: Scratch JR (5 lessons)
Spring 1	Year 1 Kapow unit: Creating Media: Digital Imagery (6 lessons)
Spring 2	Year 1 Kapow unit: Data Handling: Introduction to Data
Summer 1	Year 2 Kapow unit: Creating Media: Stop Motion (6 lessons)
Summer 2	Year 2 Kapow unit: Data Handling: International Space Station
2025-2026	

LKS2 Year 3 and 4 Cycle A	
Autumn 1	Year 3 and 4 Online Safety.
Autumn 2	Year 3 Kapow unit: Computing Systems and Networks 1: Networks and the internet.
Spring 1	Year 3 Kapow unit: Creating Media: video trailers.
Spring 2	Year 3 Kapow unit: Computing Systems and Networks: emailing.
Summer 1	Year 4 Kapow unit: Creating Media: website design.
Summer 2	Year 4 Kapow unit: Computing Systems and Networks: collaborative learning.
2026-2027	

LKS2 Year 3 and 4 Cycle B	Before teaching any units, online safety needs to be covered for the new year 4's.
Autumn 1	Year 3 Kapow unit: programming: Scratch.
Autumn 2	Year 3 Kapow unit: Data Handling: Comparison cards data bases.
Spring 1	Year 4 Kapow unit: programming 1: Further Coding with Scratch.
Spring 2	Year 4 Kapow unit: Data Handling: Investigating Weather.
Summer 1	Year 4 Kapow unit: programming 2: Computational Thinking.
Summer 2	Year 4 Kapow unit: Skills Showcase: HTML.
2025-2026	

UKS2 Year 5 and 6 Cycle A	
Autumn 1	Year 5 and 6 online safety.
Autumn 2	Year 6 Kapow unit: Computing Systems and Networks: Bletchley Park.
Spring 1	Year 5 Kapow unit: Programming 1: Music.
Spring 2	Year 5 Kapow unit: Computing Systems and Networks: Search Engines.
Summer 1	Year 5 Kapow unit: Programming 2: Micro bit.
Summer 2	Year 6 Kapow unit: Programming: intro to Python.
2026-2027	

UKS2 Year 5 and 6 Cycle B	Before teaching any units, online safety needs to be covered for the new year 5's.
Autumn 1	Year 5 Kapow unit: Data Handling: Mars Rover 1.
Autumn 2	Year 5 Kapow unit: Creating Media: Stop Motion Animation.
Spring 1	Year 6 Kapow unit: Data Handling 1: Big Data 1.
Spring 2	Year 6 Kapow unit: Creating Media: History of Computers.
Summer 1	Year 6 Kapow unit: Data Handling 2: Big Data 2.
Summer 2	Year 6 Kapow unit: Skills Showcase: Inventing a Product.
2025-2026	