

Computing Yearly Overview EYFS-Y6: 2026-2027

Blue highlight – What is being taught for each year group

Computing	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS See Continuous Provision objectives	Computing systems and networks Using a computer		Programming All about instructions		Computing systems and Networks Exploring hardware	Data handling Introduction to data
KS1 Year A	Computing systems and networks Improving mouse skills (2 lessons: 1, 2 and 3 combined) Online safety Online safety Y1 (Lesson 1)	Online safety Online safety Y1 (Lesson 2)	Programming 1 Algorithms unplugged (3 lessons: 1 and 2 combined, 4, 5) Online safety taught through PSHE (Sharing Pictures)	Creating media Digital imagery (2 lessons: 1 and 2 combined, 3) Online safety Online safety Y1 (Lesson 3)	Programming 2 Bee-bot (Option 1: Bee-Bot) <u>(Option 2: Virtual Bee-Bot)</u> (3 lessons: 1, 4, 5) Online safety Online safety Y1 (Lesson 4)	Online safety Online safety Y1 (Lesson 5)
KS1 Year B EYFS, Year 1 and Year 2 – Owls and Robins	Computing systems and networks 1 What is a computer? (3 lessons: 1, 2, <u>5</u> - optional) Online safety Online safety Y2 (Lesson 1)	Online safety Online safety Y2 (Lesson 2)	Programming 1 Algorithms and debugging (3 lessons: 1 and 2 combined, 4, 5) Online safety Online safety Y2 (Lesson 3)	Data Handling International Space Station (3 lessons: 1, 3 and 5) Online safety taught through PSHE (Playing Games)	Programming 2 ScratchJr (3 lessons: 1 and 2 combined, 4, 5) Online safety Online safety Y2 (Lesson 4)	Online safety Online safety Y2 (Lesson 5)
LKS2 Year A Year 3 and Year 4 - Woodpeckers and Doves	Computing systems and networks 1 Networks and the internet (3 lessons: 1, 3 and 5) Online safety	Computing systems and networks 3 Journey inside a computer (3 lessons: 1, 2 and 5) Online safety	Creating media Video trailers (Option 1: Using devices other than iPads) <u>(Option 2: Using iPads)</u>	Programming Programming: Scratch (3 lessons: 1 and 2 combined, 3, 5) Online safety Online safety Y3	Online safety Online safety Y3 (Lesson 4)	Online safety Online safety Y3 (Lesson 5)

	Online safety Y3 (Lesson 1)	Online safety Y3 (Lesson 2)	(3 lessons: 1, 2, 3 and 4 combined) Online safety taught through PSHE (Super Searcher)	(Lesson 3)		
LKS2 Year B	Computing systems and networks Collaborative learning (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3 and 4 combined, 5) Online safety Online safety Y4 (Lesson 1)	Programming 1 Further coding with Scratch (2 lessons: 2, 3 and 4 combined) Online safety Online safety Y4 (Lesson 2)	Data Handling Investigating weather (3 lessons: 1, 3 and 4) Spreadsheets – Twinkl Videos Online safety taught through PSHE (Picture Wise)	Programming 2 Computational thinking (3 lessons: 1 and 2 combined, 3-4) Online safety taught through PSHE (In the News!)	Online safety Online safety Y4 (Lesson 3)	Online safety Online safety Y4 (Lesson 5)
UKS2 Year A Year 5 and Year 6 – Kingfishers and Falcons	Computing systems and networks Search engines (2 lessons: 1 and 2 combined, 3 and 4 combined) Online safety Online safety Y5 (Lesson 1)	Data Handling Mars Rover 1 (3 lessons: 1, 2 and 4) Online safety Online safety Y5 (Lesson 2 and 3 combined)	Creating media Stop motion animation (Option 1: Stop Motion Studio) (Option 2: with cameras) (3 lessons: 1 and 2 combined, 3, 4) Online safety taught through PSHE (Play, Like, Share)	Programming Programming music (Option 1: Sonic Pi) (Option 2: Scratch) (3 lessons: 1 and 2 combined, 3, 4) Online safety taught through PSHE (Fact or Opinion?)	Online safety Online safety Y5 (Lesson 4)	Online safety Online safety Y5 (Lesson 5)
UKS2 Year B	Computing systems and networks Bletchley Park (2 lessons: 1 and 2 combined, 3) Online safety	Data Handling Big data 1 (3 lessons: 1, 3 and 4 combined, 5) Spreadsheets – Twinkl Videos	Creating media History of computers (3 lessons: 3-5) Online safety taught through PSHE (Think Before You Click!)	*New* Computing Systems and Networks - Exploring AI (3 lessons: 1, 2, 3 and 4 combined)	Online safety Online safety Y6 (Lesson 4)	Online safety Online safety Y6 (Lesson 6) Online safety taught through PSHE (Media Manipulation)

	Online safety Y6 (Lesson 1)	Online safety Online safety Y6 (Lesson 2)		Programming taught through DT – microbits. Online safety taught through PSHE (Fakebook Friends)		(Pressure Online)
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