

Computing Long Term Plan EYFS-Y6

Computing	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
EYFS (Class 1)	Computing systems and networks Using a computer (All 5 lessons)		Programming 1 All about instructions (All 5 lessons)		Programming 2 Exploring hardware (4 lessons: 1-4 only)	
KS1 Year A (Class 2)	Computing systems and networks Improving mouse skills (3 lessons: 1-3 only)		Programming 1 Algorithms unplugged (4 lessons: 1, 2, 4 and 5 only)	Creating media Digital imagery (Option 1: Google Office 365) (3 lessons: 1-3 only)	Programming 2 Bee-bot (Option 1: Bee-Bot) (Option 2: Virtual Bee-Bot) (4 lessons: 1, 3, 4 and 5 only)	Online safety Online safety Y1 (All 4 lessons)
KS1 Year B (Class 3)	Computing systems and networks 1 What is a computer? (3 lessons: 1, 2 and 5 only)		Programming 1 Algorithms and debugging (4 lessons: 1, 2, 4 and 5 only)	Data Handling International Space Station (3 lessons: 1, 3 and 5 only)	Programming 2 ScratchJr (4 lessons: 1, 2, 4 and 5 only)	Online safety Online safety Y2 (4 lessons: Teach all five by combining lessons 3 and 4)
LKS2 Year A (Class 4)	Computing systems and networks 1 Networks and the internet (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1, 3 and 5 only)	Computing systems and networks 3 Journey inside a computer (3 lessons: 1, 2 and 5 only)	Creating media Video trailers (Option 1: Using devices other than iPads) (Option 2: Using iPads) (4 lessons: 1-4 only)	Programming Programming: Scratch (4 lessons: 1, 2, 3 and 5 only)		Online safety Online safety Y3 (All 4 lessons)
LKS2 Year B	Computing systems and networks Collaborative learning	Programming 1 Further coding with Scratch	Data Handling Investigating weather (Option 1: Google)	Programming 2 Computational thinking (4 lessons: 1-4 only)		Online safety Online safety Y4 (4 lessons: 1, 2, 3 and 5)

	(Option 1: Google) (Option 2: Microsoft Office 365) (4 lessons: 1, 3, 4 and 5)	(Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 2-4 only)	(Option 2: Microsoft Office 365) (3 lessons: 1, 3, 4 and 5)			
UKS2 Year A (Class 5)	Computing systems and networks Search engines (Option 1: Google) (Option 2: Microsoft Office 365) (4 lessons: 1-4)	Data Handling Mars Rover 1 (3 lessons: 1, 2 and 4)	Creating media Stop motion animation (Option 1: Stop Motion Studio) (Option 2: with cameras) (4 lessons: 1-4)	Programming Programming music (Option 1: Sonic Pi) (Option 2: Scratch) (4 lessons: 1-4)		Online safety Online safety Y5 (3 lessons: 1, 4 and 5)
UKS2 Year B (Class 6)	Computing systems and networks Bletchley Park (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 1-3)	Data Handling Big data 1 (4 lessons: 1, 3, 4 and 5)	Creating media History of computers (Option 1: Google) (Option 2: Microsoft Office 365) (3 lessons: 3-5)	Programming Intro to Python (4 lessons: 1-4)		Online safety Online safety Y6 (4 lessons: 1, 2, 4 and 6)