

St Peter's C of E Nursery and Primary School

Computing long Term Plan

	EYFS	KS1 Cycle A	KS1 Cycle B	Lower KS2 Cycle A	Lower Ks2 Cycle B	Upper KS2 Cycle A	Upper KS2 Cycle B
A U T U M N T E R M S P R I N G T E R M S U M M E R	Computing, technology and programming is woven through the EYFS curriculum. The children will use the IWB, CD player, IPAD, BEEBOTS, torches and other computing equipment to support learning and during continuous provision.	Computing systems and networks	Computing systems and networks	Computing systems and networks	Computing systems and networks	Computing systems and networks	Computing systems and networks.
		Improving mouse skills (3 lesson:1-3 only)	What is a computer? (3 lesson: 1.2 and 5 only)	Networks and the internet Google	Collaborative learning Google (4 lessons:1,3,4 and 5)	Search engines Google (4 lessons: 1-4)	Bletchley Park (3 lessons:1-3)
		Programming 1	Programming 1	Computing systems and networks 3	Programming 1	Data Handling	Data Handling
		Algorithms unplugged (4 lessons:1,2,4 and 5 only)	Algorithms and debugging (4 lessons: 1,2,4 and 5 only)	Journey inside a computer (3 lessons:1,2 and 5 only)	Further coding with Scratch Google (3 lessons: 2-4 only)	Mars Rover1 (3 lessons: 1, 2 and 4)	Big data 1 (4 lessons:1,3,4 and 5)
		Creating Media	Data Handling	Creating media	Data Handling	Creating media	Creating media
		Digital imagery Google (3 lessons: 1-3)	International space station (3 lessons:1,3 and 5 only)	Video trailers Using devices other than ipads	Investigating weather (3 lessons:1,3,4 and 5)	Stop motion animation (4 lessons:1-4)	History of computers (3 lessons: 3-5)
		Programming 2	Programming 2	Programming	Programming 2	Programming	Programming
Bee-bot (4 lessons:1,3,4 and 5 only)	ScratchJr (4 lessons:1,2,4 and 5 only)	Programming Scratch (4 lessons: 1,2,3 and 5 only)	Computational thinking (4 lesson:1-4 only)	Programming music (4 lessons: 1-4)	Intro to Python (4 lessons:1-4)		
	Online safety	Online safety	Online safety	Online safety	Online safety	Online safety	
	Online safety (All 4 lessons)	Online safety Y2 (4 lesson: Teach all five by combining lessons 3 and 4)	Online safety Y3 (All 4 lessons)	Online safety Y4 (4 lessons:1,2,3 and 5)	Online safety Y5 (3 lessons: 1,4 and 5)	Online safety Y6 (4 lessons: 1,2,4 and 6)	