

Computing - Curriculum Overview (KAPOW)

	Autumn	Spring	Summer
Year 1	Computing systems and networks: Improving mouse skills.	Programming 1: Algorithms unplugged (1/2/4/5) Creating Media: Digital imagery (1-3)	Programming 2: Bee-bot (1/3/4/5)
	Online safety (4 lessons)		
Year 2	Computing systems and networks 1: What is a computer? (1/2/5)	Programming 1: Algorithms and debugging (1/2/4/5) Data Handling: International Space Station (1/3/5)	Programming 2: ScratchJr (1/2/4/5)
	Online safety (5 lessons)		
Year 3	Computing systems and networks 1: Networks and the internet (1/3/5)	Computing systems and networks 3: Journey inside a computer (1/2/5) Creating media: Video trailers (1-4)	Programming: Programming: Scratch (1/2/3/5)
	Online safety (4 lessons)		
Year 4	Computing systems and networks: Collaborative learning (1/3/4/5)	Programming 1: Further coding with Scratch (2-4) Data Handling: Investigating weather (1/3/4/5)	Programming 2: Computational thinking (1-4)
	Online Safety (4 lessons: 1/2/3/5)		
Year 5	Computer Systems and Networks: Search engines (1-4)	Data Handling: Mars Rover (1,2,4) Creating Media: Stop Motion Animation (1-4)	Programming: Programming music (1-4)
	Online Safety (1/4/5)		
Year 6	Computer Systems and Networks: Bletchley Park (1-3)	Data Handling: Big data 1 (1/3/4/5) Creating Media: History of Computers (3-5)	Programming: Intro to Python (1-4)
	Online Safety (1/2/4/6)		