

Computing Long Term Plan

Year Group	Autumn	Spring	Summer
Year 1	Computing systems and networks Improving mouse skills Programming 1 Algorithms unplugged	Skills Showcase Rocket to the moon Online safety lessons unit to be taught during safer internet week in February Programming 2 Beebots	Creating Media Digital imagery Data Handling Introduction to data
Year 2	Computing systems and networks 1 What is a computer? Programming 1 Algorithms and debugging	Computing systems and networks 2 Word Processing Online safety lessons unit to be taught during safer internet week in February Programming 2 Coding	Creating Media Stop motion Data Handling International space station
Year 3	Networks Programming Scratch	Computing systems and networks 2 Emailing Online safety lessons unit to be taught during safer internet week in February Computing systems and networks 3 Journey inside a computer	Creating media Video Trailers Data handling Comparison cards databases
Year 4	Computing systems and networks 1 Collaborative learning Programming Further coding with Scratch	Creating media Website design Online safety lessons unit to be taught during safer internet week in February Sills showcase HTLM	Programming 2 Computational thinking Data Handling Investigating weather
Year 5	Computing and network systems Search engines Programming 1 Music	Data Handling Mars Rover Online safety lessons unit to be taught during safer internet week in February Programming 2	Skills Showcase Mars Rover 2

		Microbit	
Year 6	Computing systems and networks Bletchley Park and the history of computers Computing systems and networks Exploring AI	Data Handling Big Data 1 Online safety lessons unit to be taught during safer internet week in February Programming Intro to Python	Skills showcase Inventing a product