



SUBJECT OVERVIEW FOR COMPUTING 2024-2025 (KAPOW UNITS)

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
Reception	Computing through continuous provision (not a Kapow unit – children have access to Computers in the provision while they settle into Reception)	Using a Computer	All about Instructions Internet Safety Day	Exploring hardware	Programming Bee-Bots	Introduction to Data
Year 1	Improving Mouse Skills	Algorithms Unplugged Online Safety Assessment and Lesson 1	Rocket to the moon Internet Safety Day	Programming a Virtual Bee-Bot Online Safety Lesson 2	Digital Imagery (Google) Online Safety Lesson 3	Introduction to Data Online Safety Lesson 4 and final assessment
Year 2	What is a Computer? Online Safety Assessment and Lesson 1	Algorithms and Debugging Online Safety Lesson 2	Word Processing Internet Safety Day	Scratch Jnr Online Safety Lesson 3	Stop Motion Online Safety Lesson 4	International Space Station Online Safety Lesson 5 and final assessment
Year 3	Networks Online Safety Assessment and Lesson 1	Scratch Online Safety Lesson 2	Emailing Internet Safety Day	Journey inside a Computer Online Safety Lesson 3	Video trailers Online Safety Lesson 4	Comparison Cards Database Review of Online Safety lesson and final assessment
Year 4	Collaborative Learning Online Safety Assessment and Lesson 1	Further coding with Scratch Online Safety Lesson 2 and 3	Website Design Internet Safety Day	HTML Online Safety Lesson 4	Computational Thinking Online Safety Lesson 5	Investigating Weather Online Safety Lesson 6 and final assessment
Year 5	Search Engines Online Safety Assessment and Lesson 1	Programming Music Online Safety Lesson 2	Mars Rover 1 Internet Safety Day	Micro:Bit Online Safety Lesson 3	Stop Motion Animation Online Safety Lesson 4	Mars Rover 2 Online Safety Lesson 5 and final assessment
Year 6	Bletchley Park Online Safety Assessment and Lesson 1	Intro to Python Online Safety Lesson 2 and 3	Big Data 1 Internet Safety Day	History of Computers Online Safety Lesson 4	Big Data 2 Online Safety Lesson 5	Inventing a Product Online Safety Lesson 6 and final assessment