

ICT AT LAUREL LANE

Whole School Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Computing introduced through continuous provision	Kapow: Computing Systems and networks 1: Using a computer	Kapow: Programming 1: All about instructions	Kapow: Computing Systems and networks 2: Exploring hardware	Kapow: Programming 2: Programming Bee-Bots	Kapow: Data Handling: Introduction to data
Year 1	Kapow: Computing Systems and networks: Improving mouse skills E-Safety Lesson 1	Kapow: Programming 1: Algorithms Unplugged E-Safety Lesson 2	Kapow: Skills Showcase: Rocket to the moon E-Safety Lesson 3	Kapow: Programming 2: Programming Bee-Bots	Kapow: Creating Media E-Safety Lesson 4	Kapow: Data Handling Introduction to data E-Safety Lesson 5
Year 2	Kapow: Computing Systems and networks: What is a computer?	Kapow: Programming 1: Algorithms and debugging E-safety Lesson 2	Kapow: Computing systems and networks 2: Word processing	Kapow: Programming 2: Scratch junior	Kapow: Creating Media: Using tablet devices or devices without cameras E-safety Lesson 4	Kapow: Data Handling: International space station
Year 3	Kapow: Computing Systems and networks: Microsoft Office 365 E-safety Lesson 1	Kapow: Programming: Scratch E-safety Lesson 2	Purple Mash: Computing systems and networks 2: Emailing Microsoft Office 365	Kapow: Computing systems and networks 2: Journey inside a computer	Kapow: Creating media: Video trailers- using ipads E-safety Lesson 4	Purple Mash: Data Handling: Comparison cards databases- Microsoft Office 365
Year 4	Kapow: Computing Systems and networks: Collaborative Learning- Microsoft Office 365 E-safety Lesson 1	Purple Mash: Coding 4.1 E-safety Lesson 2	Purple Mash: Spreadsheets 4.3 Logo 4.5 E-safety Lesson 3/4	Purple Mash: Animation 4.6 Hardware Investigators 4.8	Kapow: Skills showcase HTML E-safety Lesson 5	Purple Mash: Artificial intelligence 4.10 E-safety Lesson 6

<p>Year 5</p>	<p>Kapow: Computing systems and networks: Search engines- Microsoft Office 365 E-safety Lesson 1</p>	<p>Kapow programming 1: Programming music-scratch E-safety Lesson 2/3</p>	<p>Kapow: Data Handling: Mars Rover 1 E-safety lessons 1-6</p>	<p>Kapow: Programming 2: Microbit</p>	<p>Kapow: Creating Media: Stop motion studio</p>	<p>Kapow: Skills Showcase Mars Rover 2</p>
<p>Year 6</p>	<p>Kapow: Computing Systems and networks: Bletchley Park E-safety Lesson 1</p>	<p>Kapow: Programming 1: Intro to Python E-safety Lesson 2</p>	<p>Kapow: Data Handling: Big Data 1 E-safety Lesson 3</p>	<p>Kapow: Data Handling: Big Data 2 E-safety Lesson 4</p>	<p>Creating Media: History of computers E-safety Lesson 5</p>	<p>Kapow: Skills Showcase Inventing a product E-safety Lesson 6</p>