Computing Curriculum Sequence Overview 23/24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	**Digital Literacy (Mouse Skills):** • Lesson 1 -Moving a cursor around the screen • Left button clicking • Click and Drag	**Digital Literacy (Picture Making):** • Using different tools in Art programmes for a variety of effects • Enhancing Mouse Skills	**Online Learning & online safety:** • Logging on and passwords • E-safety • Using Busy Things to enhance our learning	**Programming/Computer Science (Sequencing):** • Directional movement • Sequencing instructions • Critical thinking and problem solving	**Programming/Computer Science:** • BeeBots • Directional movement • Sequencing Instructions	**Digital Literacy (Multimedia):** • Creating a book page and adding text, audio and photographs
Year 1	**Online safety & Digital Literacy:** • E-safety • Typing and navigating the keyboard • Opening and saving an application	**Digital Literacy (Christmas card):** • Word processing & inserting images	**Programming/Computer Science:** • Beebots • Algorithms and de-bugging	**Programming/Computer Science:** • Beebots • Algorithms and de-bugging **Digital Literacy:** • Using paint to create and make shapes	**Handling data** • Tally charts, pictograms, bar graphs, grouping	Online safety & Technology in our lives: • Staying safe, creating and searching
Year 2	**Programming/Computer Science:** • Coding, algorithms and debugging	**Programming/Computer Science:** • Coding, algorithms and debugging	**Online safety & Digital Literacy:** • E-safety, search engines and Rainforest PowerPoint	**Online safety & Digital Literacy:** • E-safety, search engines and Rainforest PowerPoint	**Handling data:** • Data	**Handling data** • Digital Photography • Taking photographs, editing and changing for purpose
Year 3	**Online safety & Digital Literacy:** • Intro to Google Classroom • Online Bullying • Online purchases • E mailing	**Programming/Computer Science :** • Coding • Debugging • Algorithms	**Digital Literacy/Technology in Our Lives:** • Google Docs • Formatting • Typing	**Digital Literacy, Handling Data:** • Google Slides • Google Forms • Data Collection • Data Manipulation	**Digital Literacy, Technology In Our Lives:** • Sending and receiving e mails	**Digital Literacy, Technology In Our Lives:** • Sending and receiving e mails

Year 4	Online safety & Digital Literacy:	Programming/Computer Science:	Digital Literacy:	Handling Data/Digital Literacy:	Technology in our lives:	Technology in our lives:
	• Cyberbullying • Searching • Sharing • Being part of a community	• Scratch • Programming • Graphics • Repetition	• Microsoft Word • Images • Formatting • Spelling • Tables • Layout • Hyperlinks	• PowerPoint/Excel • Graphs • Data Manipulation	• Sequences • Drum Beats • Drum Loops • Melody • Mixing	• Sequences • Drum Beats • Drum Loops • Melody • Mixing
Year 5	Online safety & Digital Literacy:	Programming/Computer Science:	Programming/Computer Science, Digital Literacy:	Technology in our lives, Digital Literacy:	Programming/Computer Science, Digital Literacy:	Programming/Computer Science, Digital Literacy:
	• Spam e mails • Citations • Passwords • False photographs	• Scratch • Character Design • Adding effects • Programming movement • Scoring and Levelling	• Google Earth • SketchUp • 3D Design • Dragging • Scaling • Rotating • Repeating	• Scratch • Tessellations • Inkscape • Geometric Art	• Google • Search Engines • Citations • Proofreading • Page Ranking	• Google • Search Engines • Citations • Proofreading • Page Ranking
Year 6	Online safety & Digital Literacy ,Technology in our lives:	Handling Data:	Digital Literacy:	Programming/Computer Science (optional unit):	Programming/Computer Science (optional unit):	Programming/Computer Science (optional unit):
	• Cyberbullying • Secure Websites • People Online • Stereotypes • SMARTbots • Travelblogging • Google Docs	• Data Analysis • Number Operations • Ordering and Presenting • Add, Edit and Calculate • Problem Solving	• Google Docs • I movie • Script Writing • Script Editing • Filming • Adding visual effects • Adding sound effects • Film Editing	• Kudos • Algorithms • Gaming	• Kudos • Algorithms • Gaming	• Kudos • Algorithms • Gaming