



Vocabulary Progression 2025-2026

Subject: Computing



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Who can I trust? Online, trust, information, adults, friends, kind, behaviour		What are parts of a computer? Computer, Technology, Mouse, Keyboard, Monitor, Printer, Camera, Headphones, Microphone, Speakers, Connected		Can I make instructions? Instructions, Devices, Controller, Robot, Remote Control, Forwards, Backwards, Record, Play, Sound, Photograph, Camera	
Reception	I am a super surfer! Button, icon, touch screen, tablet, pc, laptop, radio, smartphone		Look at what I can do! Button, icon, touch screen, tablet, pc, laptop, radio, smartphone		I am a computer scientist Button, icon, touch screen, tablet, pc, laptop, direction, arrows, input and output.	
Year 1	Basic Computing Skills Click, move, drag, double click, keys, space, backspace, delete, enter	Using text-based programs to process and format text and images Keys, letters, Caps lock, Shift, Enter, Backspace. Log In, Shut Down	Unplugged Algorithms Algorithm, program, code	Programming, coding with robots Beebot, right, left, turn, program, algorithm, clear	Data Handling and representation using Pictograms Pictogram, graph, chart, tally, collect, count, data	Producing digital media Image, import, text, font, colour, delete
Year 2	What is a computer? Invention	Unplugged algorithms Sequence, Blocks, Sprites, Repeat, Bug, Debugging	Programming using Scratch Jnr Sequence, Blocks, Sprites, Repeat, Bug, Debugging, Tinkering	Storing and Presenting Data Records, Fields, Value, Database, Sort	Modifying text and images bold, italic	Presenting Information to an audience Audience
Year 3	Composing emails Email, Malicious, Phishing, Social media, Networks, Internet, World wide web, Webcam.	Introduction to Scratch Costume, Animation, Co-ordinates	Prediction and debugging Computational Thinking, Programming, Prediction, Decomposition	Altering digital media filter, crop, pixel, portfolio, theme, consent	Inside a computer desktops, hard drive, fan, heat sink, motherboard, microprocessor, memory, disc drive, network, router, hub, switch, Wi-Fi	Publishing Online Content Social media, Graphic design, Publishing, Username, Password, Marketing, Template, Elements, Effect, Filter, Adjust, Crop
Year 4	Branching Databases Branching database, organise, transition, slides, closed question	Repetition and forever loops selection, repetition, Tinker	Designing a game Selection, repetition, tinker	Making a special effects movie Video, Special effects, CGI, Green screen, Audio	Smarter searching and online safety Keyword, search engine, website, sharing, personal data	Pixel Art Spreadsheet, rows, columns, algebra, formula, binary
Year 5	Create/Search a Database Field, retrieval, search, ascending, descending	Using variables Abstraction, logic, variable, operators, loops, conditionals	Coding using Micro:Bits Micro:Bit, block, variable, scroll, forever, conditional	Stop Motion Animation Frame, Pivot Stick Figure Animator, Stop Frame Animator, editing	The Internet and the World Wide Web WAN, LAN, wireless, Local, cable, connection, modem, server	3D modelling CAD (Computer aided design), Select, Draw, Push /Pull, Orbit, Pan, Zoom, Zoom Extents, extrude, Paint bucket.

Year 6	Creating Formula Excel	Edublocks- Introduction to Python	Programming a game	Creating a Podcast	HTML	Social Media and being safe online
	Cell, Formulae, Chart Cell Reference, Grid, Tab, Workbook, Merge, Auto Sum	Iteration, Conditional Statement, RGB values, Function	<i>no new vocab</i>	Podcast, refine	Html, headings, layout, source code	PEGI, In-app, permissions, ratings, Forum