Vocabulary Progression 2023-2024
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	**Smarter searching and online safety** Keyword, search engine, website, sharing, personal data	**Making a special effects movie** Video, Special effects, CGI, Green screen, Audio	**Designing a game** Selection, repetition, tinker	**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	**Stop Motion Animation** Frame, Pivot Stick Figure Animator, Stop Frame Animator, editing	**Coding using Micro:Bits** Micro:Bit, block, variable, scroll, forever, conditional	**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	Edublocks- Introduction to Python	Creating Formula Excel	Programming a game	Creating a Podcast	HTML	Social Media and being safe online
	Iteration, Conditional Statement, RGB values, Function	Cell, Formulae, Chart Cell Reference, Grid, Tab, Workbook, Merge, Auto Sum	*no new vocab*	Podcast, refine	Html, headings, layout, source code	PEGI, In-app, permissions, ratings, Forum