



Vocabulary Progression 2022-2023
Subject: Computing



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery						
Reception	I am a super surfer! button, mouse, icon, keyboard, touchscreen, tablet, pc, laptop, camera, radio, smartphone, choices		Look at what I can do! image, text, video, sound, listen, draw, colour		I am a computer scientist direction, arrows, input, output	
Year 1	Basic Computing Skills keys, letters, capslock, shift, enter, backspace, login, shutdown, password, security, rules, online, private information, email	Producing Digital Media <i>no new key vocab</i>	Unplugged Algorithms algorithm, program, instruction, code	Programming with robots Beebot, forward, backward, right, left, turn, clear	Data Handling: Pictograms Pictogram, graph, chart, tally, collect, count, data	Presenting Information Image, photograph, import, font, delete
Year 2	What is a computer? computer, invention	Unplugged algorithms sequence, code, blocks, sprites, repeat, bug, debugging	Scratch Jnr <i>no new vocab</i>	Modifying text and images bold, italic	Storing and Presenting Data records, fields, value, database, sort	Presenting Information audience, font, appropriate, inappropriate, cyberbullying, digital footprint
Year 3	Composing emails email, malicious, phishing, social media, networks, world wide web, webcam, internet, e-safety rules, secure passwords, report abuse button	Programming a game selection, repetition, programming, computational thinking, costumes, tinker	Creating a programmable world Kodu, artificial intelligence, NPC(non player character), pathway, gaming	Altering digital media filter, crop, pixel, portfolio, theme, consent	How things work including networks desktop, harddrive, fan, heatsink, motherboard, microprocessor, memory, disk drive, router, hub, switch, wifi	Publishing Online Content graphic design, publishing, username, marketing, template, elements, effect, adjust, blogs
Year 4	Branching Databases branching database, organise, transition, slides, log	Repetition and forever loops forever, loop	Coding with Scratch variable, device	Creating a video video, special effects, CGI, green screen, audio	Network and Online Services WAN, LAN, wireless, local, cable, connection, binary, modem, server	Spreadsheets spreadsheet, rows, columns, algebra, formula
Year 5	Create/Search a Database information, retrieval, search, keywords, ascending, descending	If and If else statements sensing, events, control	Creating Music Using Code samples, composition, rhythm	Stop Motion Animation animation, frame, pivot stick figure animator, stop frame animator, editing	World Wide Web and Internet wireless access points, wired device, ethernet cable, responsible online communication, informed choices, virus threats	3D modelling wireless device

Year 6	Using Variables abstraction, decomposition, logic, operators, conditionals	Creating Formula Excel cell, formulae, cell reference, grid, tab, workbook, merge, autosum	Program for an audience <i>no new vocab</i>	Plan and compose music timeline, split, layer	How Data is Stored client device, messaging	HTML HTML, tags, body, head, line breaks, paragraph, links
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