

Computing vocabulary Progression Map

	Computing Systems and networks	Creating media	Programming A	Data and information	Programming B
Preschool	Television, telephone, computer, move, help, photo, camera, message, information On Off				
Reception	Television, phone, laptop, tablet, computer, text, photo, internet, google, Youtube, beebot, forwards, backwards, turn, start, stop, safe, click, screen, draw, undo				
Year 1	Technology, Computer, mouse/trackpad, keyboard, screen, click, drag, draw, double-click, click and drag , Input device, Shift, space bar, capital letter, full stop, Safely, responsibly,	paint program, tool, paintbrush, erase, fill, undo, Piet Mondrian, primary colours, shape tools, line tool, fill tool, Henri Matisse, Wassily Kandinsky, feelings, colour, brush style, Georges Seurat, Pointillism, brush size , Pictures, painting, computers, like, prefer, dislike	Forwards, backwards, turn, clear, go, commands, Instructions, directions, Left, right, Plan, algorithm, program, Route	Object, label, group, search, image, property, colour, size, shape , value, data set, more, less, most, fewest, most, least, the same	ScratchJr, Bee-Bot, command, sprite, compare, programming, programming area, Block, joining, start block, run, program, background, delete, reset, algorithm, predict, Effect, change, value, block, Instructions, sprite, delete, program, algorithm, appropriate, design
Year 2	Information technology (IT), computer, barcode, scanner/scan	Device, camera, photograph, capture, image, digital,	Instruction, sequence, clear, unambiguous, algorithm, program, order, commands, prediction,	More than, less than, most, least, organise, data, object, tally chart, votes, total, Pictogram,	Sequence, command, program, run, program, start, outcome, predict, blocks, Sprite,algorithm,

		Landscape, portrait, horizontal, vertical, field of view, narrow, wide, format, Framing, focal point, subject matter, field of view, compose, Natural lighting, artificial lighting, flash, focus, background, foreground, Editing, tools, colour, filter, images, Pixlr, changed, real	Artwork, design, route, mat, Debugging	enter, data, compare, more than, less than, count, explain, most, least, more common, least common, Attribute, group, same, different, most popular, least popular, conclusion, block diagram, sharing	design, Actions, project, modify, change , build, match, compare, debug, features, evaluate
Year 3	Digital device, input, output, process, program, Connection, network, network switch, server, wireless access point (WAP)	Text, images, advantages, disadvantages, communicate, Font, font style, template, Landscape, portrait, orientation, placeholder, Desktop publishing, copy, paste, Layout, purpose, benefits	Scratch, programming, blocks, commands, code, sprite, costume, stage, backdrop, Sprites, programming blocks, motion, turn, point in direction, go to, glide	Attribute, value, questions, table, objects, Branching database, database, equal, even, separate, structure, compare, order, organise, j2data, selecting, pictogram, decision tree	Motion, event, sprite, algorithm, logic, Move, resize, Extension block, pen up, set up, Pen, design, event, action, Debugging, errors, code, test, debug, actions

Year 4	Internet, network, router, network security, Network switch, server, wireless access point (WAP), Website, web page, web address, router, routing, route tracing, browser, Website, web page, web address, routing, route tracing, World Wide Web, content, links, files, download, sharing, ownership, permission, use, accurate, honest, content, adverts	Image, edit, arrange, select, digital, undo, save, Image, search, save, copyright, composition, edit, pixels, crop, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, version, illustrator, vignette, fake, real, composite, cut, copy, paste, alter, background, foreground, edit, retouch, clone, recolour, magic wand, select, adjust, sharpen, brighten, publication, elements, original, font style, shapes, border, layer	Program, turtle, commands, code snippet, Algorithm, design, debug, Logo commands, Pattern, repeat, repetition, count-controlled loop, value, trace, decompose, procedure,	Data, table (layout), Input device, sensor, data logger, logging, data point, interval, Analyse, data set, import, export, logged, collection, review, conclusion	Scratch, programming, sprite, blocks, code, loop, repeat, value, Block, repeat, forever, infinite loop, count-controlled loop, costume, event duplicate, repetition, animate, modify, design, debug, evaluate, duplicate
Year 5	System, connection, digital, input, process, output, Protocol, address, packet,	Vector, drawing tools, shapes, object, icons, toolbar, Vector drawing, move,	Microcontroller, Crumble controller, components, LED, Sparkle, crocodile clips, connect, battery box, program, repetition,	Database, data, information, record, field, sort, order, group, search, value, criteria, graph, chart, axis, compare, filter,	Selection, condition, true, false, count controlled loop, outcomes, conditional statement - the linking together of a

	Chat, explore, slide deck, Reuse, remix, collaboration	resize, colour, rotate, duplicate/copy, Organise, zoom, select, alignment grid, resize, handles, consistency, modify, layers, front, back, order, group, ungroup, , reuse, improvement, evaluate, alternatives	infinite loop, count-controlled loop, battery box, output devices, motor, condition, true, false, input, switch, Microcontroller, selection, action, task, design,	presentation	condition and outcomes- algorithm, program, debug, question, Task, design, input, implement, setup, share, evaluate, constructive,
Year 6	Search, search engine, Google, Bing, Yahoo!, Swisscows, DuckDuckGo, refine, Index, crawler, bot, ranking, web crawler, search engine optimisation, links, content creator, selection, ranking, Communication, internet, public, private, one-way, two-way, one-to-one,	Website, web page, browser, media, Hypertext Markup Language (HTML), logo, layout, header, media, purpose, Copyright, fair use, home page, preview, evaluate, device, Google Sites, breadcrumb trail, navigation, hyperlink, subpage, Hyperlink, evaluate, implication,	Variable, change, name, value, set, event, design, algorithm, code, task, artwork, program, project, test, debug, improve evaluate, share	Spreadsheet, data, data heading, data set, cells, columns and rows, object, spreadsheet application, format, common attribute, Formula, calculation, input, output, cell reference, operation, range, duplicate, sigma, propose, question, evaluate, results, organised, comparison, software, tools, graph, chart	Micro:bit, MakeCode, input, process, output, flashing, USB, Selection, condition, if... then... else, variable, random, input, sensing, accelerometer, Compass, direction, navigation, design, task, algorithm, variable, step counter, Plan, create, code, test, debug

	one-to-many, SMS, email, WhatsApp, blog, YouTube, Twitter, BBC Newsround	external link, embed			
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