



The Flourish Federation Computing Progression in Vocabulary

Adopted	May 2022	Review	September 2022
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Please see Purple Mash vocabulary definitions. This clarifies the progression in vocabulary definitions i.e. Object in KS1/ KS2 develops into a more advanced understanding.

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Online Safety Log in, log out, save, password	Online Safety (1.1) avatar, tools, username, my work, notification, topics	Online Safety (2.2) Search, internet, sharing, e-mail, attachment, digital footprint	Online Safety (3.2) Webpage, spoof website, blog, website, PEGI rating	Online Safety (4.2) Computer virus, malware, spam, cookies, phishing, copyright, identity theft, plagiarism	Online Safety (5.2) Online-safety, reputable, shared image, reference, smart rules, encryption, bibliography, citations	Online Safety (6.2) Screen time
Understanding of the World Information, collect	Pictograms (1.3) Pictogram, data, collate	Spreadsheets (2.3) Backspace key, copy and paste, equal tools, image toolbox, lock tool, speak tool	Spreadsheets (3.3) <>=, advance mode, spin tool	Spreadsheets (4.3) Average, charts, formula, formula wizard, random tools, timer	Spreadsheets (5.3)	Spreadsheets (6.3) Average function, count (how many) tool, dice
Understanding of the World Instruction, computer	Lego Builders (1.4) program	Questioning (2.4) Question, binary tree, data base	Touch Typing (3.4) Posture, top row keys, home row keys, bottom row keys, space bar	Writing for Different Audiences (4.4) Bold, italic, underline	Databases (5.4) Sort, group & arrange, binary tree (branching database), collaborative, find, record, statistic & reports, table	Blogging (6.4) Blog page, blog post, icon
Numerical Patterns Direction, forward, backward,	Maze Explorers (1.5) Challenge, arrow, undo, rewind, right turn, left turn	Effective Searching (2.5) Question, binary, search engine	Email (3.5) Communication, email, compose, send, CC, attachment, formatting, report to the teacher, address book, save to draft	Logo (4.5) LOGO, BK, FD, RT, LT, REPEAT, SETPC, SETPS, PU, PD	Game creator (5.5) Computer game, customise, evaluation, interactive, screenshot, texture, perspective, playability	Text Adventures (6.5) Text-based adventures, sprite
Reading E-Book, page, title	Animated Story Blocks (1.6) Animation, E-Book, font, file, sound effect, display board	Creating Pictures (2.6) Impressionism, Pointillism, Surrealism, Palette, Share, Template	Branching Databases (3.6) Branching database	Animation (4.6) Frame, flipbook, onion-skinning, stop motion, play, video clip	3d Modelling (5.6) CAD, modelling, 3D, viewpoint, polygon, 2D, net, 3D printing, points, template	Networks (6.6) World Wide Web, network router, local area network (LAN), wide area network (WAN), network cables
Expressive arts and design Music, instrument	Spreadsheets (1.8) Arrow keys, cursor, columns, clipart, count tool, delete key, lock tool, cell, move cell tool, image toolbox, speak tool, spreadsheet, rows	Making Music (2.7) BPM, composition, digitally, soundtrack, tempo, volume (<i>please refer to music progression to see terms</i>)	Simulations (3.7) Simulation	Effective Searching (4.7) Easter Egg, Internet Browser	Concept Maps/ Effective Searching (5.7) Collaboratively, connection, idea, thought, visual	Quizzing (6.7)



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		<i>already familiar to children</i>				
Understanding the World (linked to coding) Command, instructions, object, button (in relation to a moveable toy) move, start, stop	Coding (1.7) Action, algorithm, background, code, debug/ debugging, event, execute, input, properties, output, run, sound, scale, scene, when-clicked	Coding (2.1) Button (on screen), collision detection, design mode, key-pressed, nesting, predict, when-swiped, sequence, text, test, timer.	Coding (3.1) Alert, blocks of command, develop, flowchart, plan, repeat, procedure, values.	Coding (4.1) Code block, co-ordinates, if/ else, if, number variable, object types, prompt, prompt for input, repeat until, selection, variables, variable value	Coding (5.1) Abstraction, called, decomposition, function, physical system, score, simplify/ simplified, tab	Coding (6.1) Developer, get input, launch command, string, user input
Understanding of the World Keyboard, mouse	Technology Outside of School (1.9) Technology	Presenting Ideas (2.8) Concept map (mind map), quiz, presentation, node, animated, non-fiction, narrative, audience	Graphing (3.8) Graph, field, bar chart, block graph, line graph	Hardware Investigators (4.8) Motherboard, CPU, RAM, Graphics card, Network card, monitor, speakers	Word Processing with Microsoft Word, Google Docs (5.8) Cursor, document, in-built styles, merge cells, paragraph formatting, readability, text wrapping, word art, word processing tool	Binary (6.8) Base 10, base 2, bit, bite, gigabyte (GB), denary, digit, machine code, integer, kilobyte (KB), switch, megabyte (MB), nibble, terabyte (TB), transistor
	Grouping and Sorting (1.2) Grouping, criteria		Presenting with Microsoft PowerPoint/ Google Slides (3.9) Audio, design templates, media, presentation program, slide, slideshow, stock image, text box, text formatting, transition	Making Music (4.9) Pitch, rhythm, pulse, dynamics, melody, rippler, house music, texture (<i>please refer to music progression to see terms already familiar to children</i>)		Spreadsheets with Microsoft Excel/ Google Sheets (6.9) Alignment, calculate, cell reference, formulae, range, style, sum, workbook