

FLORENCE MELLY COMMUNITY PRIMARY SCHOOL

COMPUTING VOCABULARY PROGRESSION MAP

IF YOU CAN DREAM IT, YOU CAN DO IT!



Year 1 Computing Vocabulary Progression Map

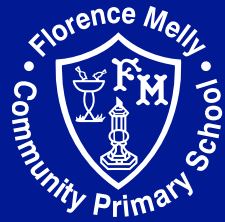
Year 1	Basic Computer Skills	Using text-based programs to process and format text and images	Unplugged Algorithms	Programming, Coding and Robotics	Data Collection & Representation using Pictograms	Presenting information
	Keyboard, keys, letters, caps lock, shift, enter, backspace, log in, shut down, password, security	Keyboard, keys, letters, caps lock, shift, enter, backspace, log in, shut down	Algorithm, program, instruction, code	Beebot, forward, backwards, right, left, turn, program, algorithm, clear	Pictogram, graph, chart, tally, collect, count, data	Image, photograph, import, text, font, colour, delete

Year 2 Computing Vocabulary Progression Map

Year 2	What is a computer?	Unplugged Algorithms	Programming using Scratch Jr.	Storing and presenting data	Modifying text and images	Presenting information
	Computer, input, output, invention	Sequence, code, blocks, sprites, repeat, bug, debugging	Sequence, code, blocks, sprites, repeat, bug, debugging	Records, fields, value, data, database, graphs, charts, sort	Audience, font, online,	Text, bold, italic, keyboard

Year 3 Computing Vocabulary Progression Map

Year 3	Composing emails	Introduction to Scratch	Prediction & Debugging	Altering Images	Inside a Computer	Publishing Content Online
	Email, malicious, phishing, social media, networks, Internet, World Wide Web, webcam, keyboard	Sequence, code, blocks, sprites, repeat, bug, debugging	Sprite, program, code, blocks, costume, animation, co-ordinates, move, turn	Camera, image, Picasa, pixel, portfolio, theme, consent	Laptop, desktops, hard drive, fan, heat sink, keyboard, motherboard, microprocessor, memory, disc drive, network, router, hub, switch, Wi-Fi	Social media, graphic design, publishing, username, password, marketing, template, elements, text, effect, filter, adjust, crop



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Year 4 Computing Vocabulary Progression Map

Year 4	Branching databases	Repetition and forever loops	Designing a game	Making a special effects movie	Smarter searching and online safety	Pixel art
	Branching database, database, organise, transition, slides	Repeat, forever, loop, code, debug, algorithm, sequence and selection	Sequence, selection, repetition, input, algorithm, programming, debugging, computational thinking, tinker	Video, special effects, CGI, green screen, audio, image, text.	Keyword, search engine	Spreadsheets, rows, columns, algebra, formula, pixel, binary

Year 5 Computing Vocabulary Progression Map

Year 5	Create and search databases	Using variables	Coding using Micro:Bits	Stop motion animation	The Internet and the World Wide Web	3D modelling
	Spreadsheet, cell, row, column, formula, calculate, format, insert, ascending, descending, sort, graph, total	Algorithm, abstraction, decomposition, logic, sequence, variable, input, output, debug, operators, loops, conditionals	Micro:Bit, block, variable, scroll, forever, conditional, algorithm	Animation, frame, pivot stick figure animator, image, stop frame animator, editing	Network, wireless access points, server, router, wired device, wireless device, ethernet cable	CAD (Computer aided design), template, select, draw, push/pull, orbit, pan, zoom, zoom extents, extrude, paint bucket

Year 6 Computing Vocabulary Progression Map

Year 6	Creating formula in Excel	Edublocks - Introduction to Python	Programming a game	Creating a podcast	HTML	Social media and being safe online
	Cell, column, row, formulae, graph, chart spreadsheet, cell reference, grid, tab, workbook, merge, auto sum	Sequence, selection, iteration, loop, variable, conditional statement, RGB values, function	Algorithm, abstraction, decomposition, logic, sequence, variable, input, output, debug, operators, loops	Timeline, crop, split, layer, edit, sound FX, audio	HTML, tags, elements, body, head, line breaks, paragraph, link, images	Social media, PEGI, networks, in-app, permissions, ratings, forum