

Computing Vocabulary Progression Document

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Computer Science Computers and the internet		Computer, mouse, trackpad, keyboard, screen, double-click, typing, technology		digital device, input, process, output, program, digital, non-digital, connection, network, switch, server, wireless access point, cables, sockets	internet, router, security, switch, server, wireless access point (WAP), website, web page, web address, routing, web browser, World Wide Web, links, files, download, ownership, content.	system, connection, digital, input, process, storage, output, search, search engine, refine, index, bot, ordering, algorithm, search engine optimisation (SEO), web crawler, content creator, selection, ranking.	
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Programming Programming and algorithms		Moving a Robot forwards, backwards, turn, clear, go, commands, instructions, directions, left, right, plan, algorithm, program, route, Programming animations ScratchJr, Bee-Bot, command, sprite, programming, programming area, joining, block, run, background, delete, reset, algorithm, predict, effect, value,	Robot Algorithms sequence, clear, unambiguous, program, order, prediction, artwork, design, debugging, decomposition Programming Quizzes command, outcome, predict, actions, sprite, project, modify, change, algorithm, build, match, compare, features, evaluate, code, decomposition	Sequencing Sounds. code, costume, stage, backdrop, motion, point in direction, go to, glide, sequence, event, task, run the code, note, chord, bug, debug, code Events and actions event, sprite, logic, move, resize, extension block, setup, errors, test, actions	Repetition in shapes Logo (programming environment), program, turtle, commands, snippet, repetition, count-controlled loop, value, trace, decompose, procedure Repetition in games loop, repeat, value, infinite loop, count-controlled loop, animate, event block, duplicate, modify, refine, evaluate	Selection in Physical Computing (programming A) microcontroller, USB, components, connection, output component, motor, repetition, Crumble controller, switch, LED, Sparkle, crocodile clips, connect, battery box, condition, input, output, selection, action, debug Selection in quizzes (programming B) Selection, condition, true, false, outcomes, conditional statement, question, answer, task, implement, test, run, setup, operator	Programming variables in games variable, set, design, event, task, share, assign, declare.

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Digital literacy Creating media (and use of tools)		Digital Painting paint program, tool, paintbrush, erase, fill, undo, shape tools, line tool, fill tool, undo tool, brush style, pointillism, brush size Digital Writing word processor, keyboard, keys, letters, type, space, backspace, text cursor, toolbar, bold, italic, underline, mouse, select, font , undo, redo, format, compare, capital letter	Digital photography device, camera, photograph, capture, image, digital, landscape, portrait, framing, subject, compose, light sources, flash, focus, background, editing, filter, format, framing, lighting	Desktop publishing text, images, advantages, disadvantages, communicate, orientation, placeholder, template, layout, content, desktop publishing, copy, paste, purpose, benefits		Vector drawing vector, drawing tools, object, toolbar, resize, colour, rotate, duplicate/copy, zoom, select, align, modify, layers, order, copy, paste, group, ungroup, reuse, reflection	browser, media, Hypertext Markup Language (HTML), logo, layout, header, media, purpose, copyright, fair use, home page, preview, Google Sites, breadcrumb trail, navigation, hyperlink, subpage, evaluate, embed implication, external link
	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Digital literacy Data and effective use of tools			Pictograms common, popular, organise, data, object, tally chart, pictogram, enter, data, compare, attribute, group, block diagram		Data Logging data, table, layout, input device, sensor, logger, logging, data point, interval, analyse, dataset, import, export, logged, collection, review, conclusion		Introduction to Spreadsheets collecting, structure, spreadsheet, cell, cell reference, data item, format, formula, spreadsheet, output, operation, range, duplicate, sigma, propose, data set, sum, comparison, software