Stalyhill Junior School

Computing Progression in Vocabulary

	Computer Systems and Networks	Creating Media	Programming	Data and Information	Online Safety
Year 3	**Connecting Computers** Digital device, input, output, process, program, connection, network, network switch, server, wireless access point (WAP)	**Desktop publishing** Text, images, advantages, disadvantages, communicate, font, style, template, placeholder, desktop publishing, copy, paste, layout, purpose, benefits **Stop frame animation** Animation, flip book, stop frame, animation, frame, sequence, image, photograph, setting, character, events, onion skinning, consistency, delete, frame, media, import, transition	**Sequencing sounds** Scratch, programming, blocks, commands, code, sprite, costume, stage, backdrop, motion, turn, point in direction, go to, glide, event, task, design, code, run the code, order, note, chord, algorithm, bug, debug **Events and actions** Motion, event, sprite, algorithm, logic, move, resize, algorithm, extension block, pen up, set up, design, action, debugging, errors, setup, test		App, block, chat, Childline, emoji, gamer, gamer tag, PM (Personal or Private Message), profile, photo sharing, streaming, URL, vloggers
Year 4	**The internet** Internet, network, router, network	**Audio production** Audio, record, playback,	**Repetition in shapes** Program, turtle, commands, code, snippet, algorithm,	**Branching databases** Attribute, value, questions, table,	BBFC (British Board of Film Classification), cyberbullying, search

	security, network switch, wireless access point (WAP), router, website, web page, web address, router, routing, route tracing, browser, World Wide Web, content, links, files, use, download, sharing, ownership, permission, accurate, honest, adverts	microphone, speaker, headphones, input, output, start, stop, podcast, save, file, selection, edit, mixing, time shift, export, MP3, evaluate, feedback **Photo editing** Image, edit, arrange, select, digital, crop, undo, save, search, copyright, composition, save, pixels, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, version, illustrator, clone, recolour, magic wand, sharpen, brighten, fake, real, composite, background, foreground, retouch, paste, alter, publication, elements, original, font style, border, layer	design, debug, logo commands, pattern, repeat, repetition, count-controlled loop, value, decompose, procedure **Repetition in games** Scratch, programming, sprite, blocks, code, loop, repeat, value, forever, infinite loop, count controlled loop, animate, costume, event block, duplicate, modify, debug, refine, evaluate, algorithm	objects, branching databases, objects, equal, even, separate, order, organise, j2data, selecting, pictogram, information, decision tree, questions	engine, social media, troll, trolling

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Year 5	**Systems & Searching** System, connection, digital, input, process, output, protocol, address, packet, chat, explore, slide deck, reuse, remix, collaboration	**Video editing** Video, audio, recording, storyboard, script, soundtrack, dialogue, capture, zoom, storage, digital, tape, AV (audio visual), videographer, video techniques, zoom, pan, tilt, angle, YouTuber, content, camera, colour, export, trim/clip, titles, end credits, timeline, transitions, soundtrack, retake/reshoot, special effects, constructive feedback **Vector drawing** Vector, drawing tools, shapes, object, icons, toolbar, move, resize, colour, rotate, duplicate/copy, zoom, select, alignment grid, handles, consistency, modify, layers, front,	**Selection in physical computing** Microcontroller, crumble controller, components, LED, Sparkle, crocodile clips, connect, battery box, program, repetition, infinite loop, count controlled loop, condition, true, false, input, action, selection, motor, switch, algorithm, debug, evaluate **Selection in quizzes** Selection, condition, true, false, count-controlled loop, outcomes, conditional statement – the linking together of a condition and outcomes, algorithm, program, debug, implement, question, answer, task, input, outcomes, test, run, setup, share, evaluate, constructive	**Flat-File Databases** Database, data, information, record, field, sort, order, group, search, criteria, value, graph, chart, axis, compare, filter, presentation	Adware, avatar, digital footprint, unsubscribing

		back, copy, paste, group, ungroup, reuse, improvement, evaluate, alternatives			
Year 6	**Communication and collaboration** Search, search engine, Google, Bing, Yahoo, Swisscows, DuckDuckGo, refine. index, crawler, bot, optimisation, links, web crawlers, content creator, ranking, communication, internet, public, private, one-way, two-way, one-toone, one-to-many, SMS, email, WhatsApp, blog, YouTube, Twitter, BBC Newsround	**Web page creation** Online safety Website, web page, browser, media, Hypertext Markup Language (HTML), layout, header, media, purpose, copyright, fair use, evaluate, preview, device, breadcrumb, trail, navigation, hyperlink, subpage, implication, external link, embed **3D modelling** safety 2D, 3D, 3D object, 3D space, view, resize, colour, lift, rotate, position, select, duplicate, dimensions, placeholder, hole, group, ungroup,	**Variables in games** Variable, change, name, value, set, design, algorithm, code, task, artwork, program, project, code, test, debug, improve, evaluate, share **Sensing Movement** Make Code, input, process, output, flashing, USB, selection, condition, if… then… else, variable, random, navigation, design, task, step counter, plan, create, code, test, debug	**Spreadsheets** Spreadsheet, data, data heading, data set, cells, columns and rows, data item, format, common attribute, formula, calculation, call reference, sigma, graph, evaluate, results, comparisons, questions, software, tools, data, propose	Acronyms, chatroom, disinformation, grooming, hacker, hoax, IM (Instant Message), Screenchot, selfie, sexting, spam

		modify, evaluate, improve			