

# Computing Curriculum Key Vocabulary

EYFS	Year 1	Year 2	Year 3	Year 4
Computer Technology Keyboard Camera Toy Recording Mouse Program Hardware Coding	<p style="text-align: center;"><b>Computing systems and networks</b></p> <p>Technology, computer, mouse, keyboard, screen, click, drag, draw, double-click, Input device, Shift, space bar, capital letter, full stop, safely, responsibly</p>	<p style="text-align: center;"><b>Computing systems and networks</b></p> <p>Information technology (IT), computer barcode, scanner/scan</p>	<p style="text-align: center;"><b>Connecting computers</b></p> <p>Digital device, input, output, process, Program, Connection, network, network switch, Server, Wireless access point,</p>	<p style="text-align: center;"><b>The internet</b></p> <p>Internet, network, router, network security, Network switch, Server, Wireless access point, Website, web page, web address, routing, route tracing, browser, World Wide Web, internet, content, links, files use, content, download, sharing, ownership, permission, Information, sharing, accurate, honest, content, adverts</p>
	<p style="text-align: center;"><b>Digital Painting</b></p> <p>paint program, tool, paintbrush, erase, fill, undo, Piet Mondrian, primary colours, shape tools, line tool, Henri Matisse, Wassily Kandinsky, feelings, brush style, Georges Seurat, Pointillism, brush size, Pictures, painting, prefer, dislike</p>	<p style="text-align: center;"><b>Digital Photography</b></p> <p>device, camera, photograph, capture, image, digital, Landscape, portrait, horizontal, vertical,format, framing, focal point, subject matter, natural lighting, artificial lighting, flash, focus, background, foreground, editing, tools, filter, focus, changed, real</p>	<p style="text-align: center;"><b>Stop-frame animation</b></p> <p>Animation, flip book, Stop frame animation, frame, sequence, image, photograph, setting, character, events, , consistency, evaluation, animation, delete, media, import, transition</p>	<p style="text-align: center;"><b>Audio editing</b></p> <p>record, playback, microphone, speaker, headphones, input, output audio, sound, record, playback, start, pause, stop, podcast, save, file, edit, selection, open, selection, open, combining, export, MP3, editing, evaluate, feedback</p>
	<p style="text-align: center;"><b>Moving a robot</b></p> <p>Forwards, backwards, turn, clear, go, commands, Instructions, directions, left, right, plan, algorithm, program, route</p>	<p style="text-align: center;"><b>Robot algorithms</b></p> <p>Instruction, sequence, clear, unambiguous, algorithm, program, order, commands, prediction, artwork, design, route, mat, debugging</p>	<p style="text-align: center;"><b>Sequencing Sounds</b></p> <p>Scratch, programming, blocks, commands, sprite, costume, stage, backdrop, sprites, motion, turn, point in direction, go to, glide, sequence, event, task, design, code, run the code, order, note, chord, algorithm, bug, debug</p>	<p style="text-align: center;"><b>Repetition in shapes</b></p> <p>Program, Turtle, Commands, Code snippet, Algorithm, Design, Debug, Logo commands Pattern, repeat, repetition, count-controlled loop, algorithm, value, trace, decompose, procedure,</p>

	<p style="text-align: center;"><b>Grouping data</b></p> <p>Object, label, group, search, image, size, shape, property, label, data set, more, less, most, fewest, the same</p>	<p style="text-align: center;"><b>Pictograms</b></p> <p>More than, less than, most, least, organise, data, object, tally chart, votes, total, pictogram, enter, compare, count, explain, more common, least common, attribute, group, same, different, conclusion, block diagram, sharing</p>	<p style="text-align: center;"><b>Branching databases</b></p> <p>attribute, value, questions, table, objects, branching database, database, equal, even, separate, structure, compare, order, organise, j2data, selecting, pictogram, information, decision tree</p>	<p style="text-align: center;"><b>Data Logging</b></p> <p>Data, table, Data logger, logging, data point, interval, analyse, set, import, export, logged, collection, review, conclusion</p>
	<p style="text-align: center;"><b>Digital Writing</b></p> <p>Word processor, keyboard, keys, letters, MicrosoftWord, GoogleDocs, numbers, space, backspace, text cursor, bold, italic, underline, toolbar, mouse, cursor, select, font,</p>	<p style="text-align: center;"><b>Making Music</b></p> <p>planets, Mars, Venus, war, peace, quiet, loud, feelings, emotions, pattern, rhythm, pulse, Neptune, pitch, tempo, notes, instrument, tempo, create, open, edit</p>	<p style="text-align: center;"><b>Desktop publishing</b></p> <p>Text, images, advantages, disadvantages, communicate, font, font style, template, landscape, portrait, orientation, placeholder, desktop publishing, copy, paste, layout, purpose, benefits</p>	<p style="text-align: center;"><b>Photo editing</b></p> <p>Image, edit, arrange, select, digital, crop, undo, save, search, save, copyright, composition, pixels, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, version, illustrator, vignette, retouch, clone, recolour, magic wand, adjust, sharpen, brighten, fake, real, composite, cut, copy, paste, alter, background, foreground, publication, elements, original, font style, shapes, border, layer</p>
	<p style="text-align: center;"><b>Programming animations</b></p> <p>ScratchJr, Bee-Bot, command, sprite, compare, programming, programming area, block, joining, command, start block, run, program, background, delete, reset, algorithm, predict, effect, change, value, instructions, appropriate</p>	<p style="text-align: center;"><b>Programming quizzes</b></p> <p>sequence, command, run, program, start, outcome, predict, blocks, sprite, algorithm, design, actions, project, design, modify, change, build, match, compare, debug, program, features, evaluate</p>	<p style="text-align: center;"><b>Events and actions in programs</b></p> <p>Motion, event, sprite, algorithm, logic, Move, resize, Extension block, pen up, set up, design, action, debugging, errors, code, test, debug, actions</p>	<p style="text-align: center;"><b>Repetition in games</b></p> <p>Scratch, programming, sprite, blocks, code, loop, repeat, value, Block, forever, infinite loop, count-controlled loop, costume, Repetition, animate, costume, event block, duplicate, modify, design, sprite, algorithm</p>