

Computing – Computing Vocabulary Overview 2023-24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 1	<p><b>COMPUTING SYSTEMS AND NETWORKS</b></p> <p><b>Technology around us</b> <b>Online Safety</b></p> <p>Technology, computer, mouse, trackpad, keyboard, screen, click, drag, input device, shift, spacebar, capital letter, full stop, safely, responsibly</p>	<p><b>CREATING MEDIA</b></p> <p><b>Digital Painting</b></p> <p>Paint program, tool, paintbrush, erase, fill, undo, Piet Mondrian, primary colours, shape tools, line tool, fill tool, undo tool, Henri Matisse, Wassily Kandinsky, feelings, colour, brush style, George Seurat, Pointillism, prefer, dislike, like</p>	<p><b>CREATING MEDIA</b></p> <p><b>Digital writing</b> <b>Online Safety</b></p> <p>Word processor, keyboard, keys, letters, Microsoft Word, letters, numbers, space, backspace, text cursor, toolbar, bold, italic, underline, undo, font, toolbar</p>	<p><b>PROGRAMMING A</b></p> <p><b>Moving a robot</b></p> <p>Forwards, backwards, turn, clear, go, commands, instructions, directions, left, right, plan, algorithm, route, program</p>	<p><b>DATA AND INFORMATION</b></p> <p><b>Grouping data</b> <b>Online Safety</b></p> <p>Object, label, group, search, image, colour, shape, property, value, data set, less, most, fewest, the same</p>	<p><b>PROGRAMMING B</b></p> <p><b>Introduction to animation</b></p> <p>ScratchJr, Bee-Bot, command, sprite, compare, programming, programming area, block, joining, start, program, background, delete, reset, algorithm, predict, effect, change, value, block, instructions, appropriate, design</p>
Year 2	<p><b>DATA AND INFORMATION</b></p> <p><b>Pictograms</b> <b>Online safety</b></p> <p>More than, less than, most, least, organise, data, object, tally chart, votes, total, pictogram, enter, data, tally chart, compare, count, explain, attribute, group, same, different, most popular, least popular</p>	<p><b>COMPUTING SYSTEMS AND NETWORKS</b></p> <p><b>Information technology around us</b> <b>Online safety</b></p> <p>Information technology (IT), computer, barcode, scanner/scan</p>	<p><b>PROGRAMMING A</b></p> <p><b>Robot algorithms</b></p> <p>Instruction, sequence, clear, unambiguous, algorithm, program, order, commands, prediction, artwork, design, route, mat, debugging</p>	<p><b>PROGRAMMING B</b></p> <p><b>Introduction to quizzes</b></p> <p>Sequence, command, program, run, program, start, predict, blocks, actions, sprite, modify, match, debug, features, evaluate</p>	<p><b>CREATING MEDIA</b></p> <p><b>Digital photography</b></p> <p>Device, camera, photograph, capture, image, digital, landscape, portrait, horizontal, vertical, field of view, narrow, wide, format, framing, focal point, subject, matter, flash, focus, background, foreground, editing, filter, Pixl, changed, real</p>	<p><b>CREATING MEDIA</b></p> <p><b>Making music</b> <b>Online safety</b></p> <p>Music, , quiet, loud, feelings, emotions, pattern, rhythm, pulse, pitch, tempo, notes, instrument, create, open, edit</p>

For reference, challenge and development:

Year 3	<p><b>COMPUTING SYSTEMS AND NETWORKS</b></p> <p><b>Connecting Computers</b></p> <p>Digital device, input, output, process, program, connection, network, network switch, server, wireless access point (WAP)</p>	<p><b>CREATING MEDIA</b></p> <p><b>Stop frame animation</b> <b>Online safety</b></p> <p>Animation, flip book, stop frame, animation, frame, sequence, image, photograph, setting, character, events, onion skinning, consistency, delete, frame, media, import, transition</p>	<p><b>PROGRAMMING A</b></p> <p><b>Sequence in music</b></p> <p>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</p>	<p><b>DATA AND INFORMATION</b></p> <p><b>Branching databases</b></p> <p>Attribute, value, questions, table, objects, branching databases, objects, equal, even, separate, order, organise, j2data, selecting, pictogram, information, decision tree, questions</p>	<p><b>CREATING MEDIA</b></p> <p><b>Desktop publishing</b> <b>Online safety</b></p> <p>Text, images, advantages, disadvantages, communicate, font, style, template, desktop publishing, copy, paste, layout, purpose, benefits</p>	<p><b>PROGRAMMING B</b></p> <p><b>Events and actions</b></p> <p>Motion, event, sprite, algorithm, logic, move, resize, algorithm, extension block, pen up, set up, design, action, debugging, errors, setup, test</p>
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