



Gainsborough Primary & Nursery School
VOCABULARY PROGRESSION MAP - Computing

Focus	Early Years	Year One	Year Two	Year Three	Year Four	Year Five	Year Six
Must	Computer Laptop Ipad Mouse Screen Track pad Click Keyboard Colour Pen Tool Button Toy Floor robot Forward Backwards Instruction Sound Photo Purple Mash Technology Device Log in Password	<u>Online safety</u> Log in, Log out, Password, work, alerts, search, Avatar, menu, tools, icons <u>Grouping and sorting</u> Sort, criteria, groups, algorithm <u>Pictograms</u> Pictogram, data, collect data, title, record results, compare <u>Lego Builders</u> Algorithm, code, computer, debugging, instructions, program <u>Maze explorers</u> Algorithm, direction, route, challenge, instruction, undo, command, left, right, unit	<u>Coding</u> Algorithm, collision detection, properties, event, button, bug, debug <u>Online safety</u> Attachment, digital footprint, email, filter, internet, personal information, private information, search, secure, sharing <u>Spreadsheet</u> Spreadsheet, data, cell, total, calculations, equals, equals tool, graph, row, column <u>Questioning</u> Binary tree, data, database, field, pictogram, question, record, search, sort <u>Effective Searching</u>	<u>Coding</u> Code, bug, algorithm, flowchart, test, run, command, nesting, repeat, event, timer, scene <u>Online safety</u> Appropriate, inappropriate, spoof, permission, reliable source, reputable source, verify, blog <u>Spreadsheets</u> Line graph, pie chart, bar graph, cell address, advance mode, formula wizard, formula bar, equals, equals tool, quiz tool <u>Touch typing</u> Posture, keys, space bar, typing <u>Email</u>	<u>Coding</u> Flowchart, event, If statement, If/else, repeat, repeat until, run, variable <u>Online safety</u> Digital footprint, plagiarism, spam, attachment, virus, SMART rules, Malware <u>Writing for different audiences</u> Campaign, format, font, genre, opinion, reporter, viewpoint <u>Logo</u> LOGO, LOGO commands, repeat, procedure, debugging, run speed, grid, pen up, pen down <u>Animation</u>	<u>Coding</u> Nesting, function, simplify, abstraction, variable, decomposition, concatenation <u>Online safety</u> Citation, copyright, reliable source, personal information, ownership, encrypt, spoof, SMART rules <u>Spreadsheets</u> Formula, formula bar, count tool, computational model, hypothesis, column, row, data <u>Databases</u> Data, database, arrange, chart, collaborative, sort, field <u>Game creator</u>	<u>Coding</u> Selection, variables, launch command, function, flowchart, simulation, timer, debug <u>Online safety</u> Location sharing, secure websites, digital footprint, inappropriate, screentime, PEGI rating, print screen <u>Blogging</u> Approval, archive, blog, blog post, collaborate, vlog, commenting <u>Networks</u> World Wide Web Router, hub switch, internet, LAN, WAN, Wi-fi <u>Quizzing</u>

		<p><u>Animated story books</u> Animation, background, E-book, edit, clipart, font, sound, sound effect, text</p> <p><u>Coding</u> Action, object, background, code, debug, event, execute, when clocked, instruction.</p> <p><u>Tech outside of school</u> Computer, technology</p>	<p>Digital footprint, domain, internet, network, search engine, web address, web page, world wide, web, web site</p> <p><u>Creating pictures</u> Art, fill, impressionism, palette, pointillism, surrealism, style</p> <p><u>Making music</u> Beat, compose, note, tune, sound effect, sound track, sped, tempo, volume</p> <p><u>Presenting Ideas</u> E-book, fact file, fiction, mind map, node, non-fiction, presentation, quiz</p>	<p>Address book, attachment, BCC, CC, communication, compose, email, inbox, [password, personal information</p> <p><u>Micro:bits</u> Micro:bit, animation, LED, accelerometer, input, output, infinite loop, gestures</p>	<p>Animation, FPS, frame, onion skinning, pause, stop motion</p> <p><u>Effective searching</u> Balanced view, Easter eggs, internet, key words, reliability, results page, search engine</p> <p><u>Micro:bits</u> Micro:bit, accelerometer, sensor, variable, logic, infinite loop, gesture</p>	<p>Computer game, customise, evaluation, interactive, playability, image, animation</p> <p><u>3D Modelling</u> CAD, 2D, 3D, design brief, points, 3D printing, net</p> <p><u>Micro:bits</u> Micro:bit, input, accelerometer, sensor, variable, logic, IF/Then, simulation, pins</p>	<p>Audience, audio, case-sensitive, cloze, participants, preview, quiz, survey</p> <p><u>Spreadsheets</u> Spreadsheet, data, cell, cell-reference, formula, graph, chart</p> <p><u>Binary</u> Decimal Integer Byte Megabyte/Terabyte</p>
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