

Progression of Key Vocabulary Grid

	EYFS	KS1	LKS2	UKS2
Information Technology	<p>Username, Password, computer, laptop, I-pad, mouse, keyboard, spacebar, screen.</p> <p>Google, internet, information.</p>	<p>Inputs/Outputs, mouse, keyboard, screen, computer, technology.</p> <p>Data collection, display, interpretation, computers, sensors, digital content, digital drawings, data.</p> <p>Gathering, recording, data, spreadsheets, technology, representation, keyboard, branching database, efficient, invention.</p>	<p>Purpose, ROM, RAM, hard drive, CPU, GPU, computer, instructions, logic, QR code.</p> <p>Databases, records, fields, digital and non-digital databases, sort, filter, graph, chart, spreadsheet.</p> <p>Green screen video, sensor data, device, algorithm.</p> <p>Websites, data transfer, network, packets, internet, routers.</p> <p>Google Docs, Slides, Form and Sheet.</p>	<p>Information, search engines, web index, page rank, web crawlers, websites, TASK, fair use, credit.</p> <p>Binary code, transmit, computer input/outputs, RAM.</p> <p>Barcodes, QR codes, RFID, infrared waves, transmit, data transmission, electromagnetic spectrum, encoding, formulas, freeze panes.</p> <p>Data usage, corrupt, Wi-Fi, mobile data, Internet of Things, packets, devices, software.</p>
Digital Literacy		<p>Storyboard, animation, stop motion, design, create, decompose, insert.</p> <p>Photo capture, editing, sequence, computers, image, online safety, pictorial story, search, import, collage, organise.</p> <p>Altering, copying, pasting, shortcuts, keyboard, images, text styles, headings, subheadings, document, safety online, word processor, bold, italic, import, alter.</p> <p>Sequencing, debugging, instructions, computing, digital content, save, share, digital image, graphic editor, data, spreadsheet, cells.</p>	<p>Kind online, digital behaviour, responsible, digital citizen, cyberbullying, genuine, report, advice.</p> <p>Transitions, video, filming, sound effects, text, editing.</p> <p>Routers, networking, wired, wireless, packets, World Wide Web, data, components, server, and internet.</p> <p>Web page, Google sites, evaluate.</p> <p>Layout, website, text, images, web page, programming, code, start/end tag, HTML, elements.</p>	<p>Safe online, documents, basic functions, software, stop motion animation, evaluation.</p> <p>Code, selection, repetition, variables, input and outputs, tinker, debug, CAD, create, video.</p>

<p>Computer science</p>		<p>Decomposition, coding, loop, program, predict, animation, characters, buttons, blocks, algorithm, and sequence.</p> <p>Algorithms, debug, computers, predictions, abstraction, problem.</p> <p>Login, logout, navigate, mouse, password, key board, computer, click and drag, computer, decomposition, abstraction, digital painting tools.</p> <p>Programming, algorithm, debug, predict, judge, experiment, bee-bot, video.</p> <p>Algorithm, debug, instructions, decomposition, solution, input, output, devices.</p>	<p>Unplug, plug, decomposition, remixing, Scratch, loop, predict, repetition.</p> <p>Google Doc, slides, form, sheet, pattern recognition, problem, scripts.</p>	<p>Animation, polling, debugging, coding, 'on start', 'forever', animation.</p> <p>Debugging, loops, code, commands, repetition,</p> <p>3D, design, skills, pixel, binary, compression, RAM, ROM, bit patterns, pixels, encode, digital images, JPEG, compression, fetch, decode, execute, CAD software.</p> <p>Python, tinkering, commands, syntax.</p>
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