St Bernadette's RC Primary School

Computing Vocabulary Progression Grid



Strand	End of EYFS	End of Year 2	End of Year 4	End of Year 6
Computing Systems & Networks	computer, keyboard, mouse, monitor, cursor, click, drag, drop, log in, password, technology, camera, hard drive, memory, motherboard, USB stick, tablets	device, desktop, laptop, system, software, digital content, input, output, scanner, word processing, keyboard shortcuts, micro:bit, internet, search engine	network, router, server, cloud, Wi-Fi, packet data, email, attachment, inbox, spam, CPU, GPU, RAM, ROM, storage, touchscreen	AI, AI-generated content, cipher, encryption, barcode, QR code, RFID, GPS, Internet of Things, Big Data, transmission
Programming & Computational Thinking	instructions, algorithm, sequence, order, predict, debug, Bee-Bot, route, forward, backwards, left, right	command, code, program, bug, debugging, block coding, loop, repeat, Scratch Jr, MakeCode, abstraction, decomposition	variable, condition, if statement, computational thinking, algorithm design, pattern recognition, logical thinking, remixing	Python, syntax, indentation, random, nested loop, repetition, selection, variables, coding, AI prompts
Creating Media	photograph, picture, image, record, gallery, capture	digital image, crop, resize, filter, import, animation, stop motion, flipbook, frames, moving images	video, storyboard, recording, transition, voiceover, graphics, website, web page, hyperlinks, HTML, CSS, URL, presentations	product design, advert, screenshots, image rights, AI-generated images, AI-generated text, CAD, JPEG, RGB, pixels
Data Handling	data, collect, sort, group, category, graph, pictogram, column, row,	spreadsheet, table, chart, branching database, line graph,	database, fields, filter, questionnaire, surveys, numerical data,	binary, ASCII, hexadecimal, Boolean, data transmission,

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	count, record	pie chart, data representation, sensors	weather data, sensor data, spreadsheets	simulation, compression, Big Data
Online Safety & Digital Citizenship	personal, password, secure, security, protect	online safety, digital footprint, trusted adult, consent, permission, fake, reliable information	cyberbullying, fake news, social media, privacy settings, age restrictions, advertisements, influencers, screen time	phishing, malware, antivirus, biometrics, online reputation, anonymity, scammers, two-factor authentication, ethical AI