

Unit	EYFS – Key Vocabulary
Exploring hardware	batteries, behind, blurred, blurry, buttons, camera, capture, clear, lick, computer, computer tower, crisp, digital camera, dial, digital clock, electricity, electric toothbrush, gallery, hard-drive, image, iPad, keyboard, keys, larger, lens, memory, mobile phones, monitor, motherboard, mouse, off, on, on top of, open, photograph, photographer, picture, point, power, pull, push, record, remote control, shoot, shut, smaller, speaker, still, system fan, tablets, technology, tinker, twist, under, USB stick, walkie-talkies
All about instructions	adjective, algorithm, bend down, blindfold, debug, describe, duck, first, follow, give, hop, instructions, last, left, next, order, predict, prediction, right, run, second, sequence, shuffle, skip, stand still, step over, stop, straight on, third, tiptoe, timer, turn, two-part instructions, under, walk around

Unit	Year 1 – Key Vocabulary
Online safety	app, appropriate, device, digital footprint, feelings, going online, in-person interactions, internet, kindness, offline activity, online activity, online experience, online interactions, online safety, personal information, pop-up, posting online, report, responsible digital citizen, screen time, sharing online, stranger, technology, trusted adult, unkind, website
Computing systems and networks: Improving mouse skills	account, click, clipart, computer, drag, drag and drop, duplicate, fill, image, layers, left click, log in, log off, mouse, password, predict, redo, resize, right click, screen (monitor), software, tool, username, undo
Programming 1: Algorithms unplugged	algorithm, artificial intelligence, bug, chunks, code, computer, debug, decompose, device, directions, input, instructions, manageable, order, organise, output, program, problem, solution, specific, tasks, virtual assistant
Creating media: Digital imagery	background, blurred, camera, clear, crop, delete, device, digital camera, download, drag and drop, edit, editing software, filter, image, import, internet, keyword, online, photograph, resize, save as, screen, search engine, sequence, software, storage space, visual effects

Unit	Year 1 & 2 – Key Vocabulary
Online safety	accepting, consent, denying permission, fake, giving permission, offline, online, password, permission, personal information, pop-up, pressure, private information, real, reliable, sharing online, source, trusted adult
Computing systems and networks 1: What is a computer?	battery, buttons, camera, computer, desktop, device, digital content, digital recorder, electricity, input, invention, keyboard, laptop, monitor, mouse, output, photograph, robot, scanner, screen, system, tablet, technology, till, video, wire
Programming 1: Algorithms and debugging	abstraction, algorithm, artificial intelligence, bug, clear, correct, data, debug, decompose, error, key features, loop, predict, unnecessary
Programming 2	algorithm, bug, debug, programming, sequence (Option 1 - as above, plus: block coding, evaluate, micro: bit, Make Code, program) (Option 2 - as above, plus: animation, blocks,, button, CGI, computer code, fluid, icon, imitate, instructions, loop, 'on tap', repeat, Scratch Jr , sound recording)

Unit	Year 3 – Key Vocabulary
Online safety	accurate, age restrictions, autocomplete, belief, charity, content, digital device, fact, fake news, hoax, internet, internet of things, opinion, online emotions, organisation, permission, privacy settings, reliable, search, search engine, share, smart devices, social media platforms
Programming: Scratch	algorithm, animation, application, code, code block, debug, decompose, game, interface, loop, predict, program, remixing code, repetition code, review, Scratch, sprite, tinker
Computing systems and networks 3: Journey inside a computer	algorithm, assemble, CPU (central processing unit), data, decompose, desktop, disassemble, GPU (graphics processing unit), hard drive, HDD (hard disk drive), infinite loop, input, keyboard, laptop, memory, microphone, monitor, mouse, output, photocopier, program, QR code, RAM (random access memory), ROM (read only memory), storage, tablet device, technology, touchscreen, touchpad
Computing systems and networks 1: Networks	device, file, internet, network, network switch, packet data, router, server, the cloud, user, Wi-Fi, wired, wireless, wireless access point



<p>Creating media: Video trailers</p>	<p>application, camera angle, clip, edit, film editing software, graphics, import, key events, music, photo, plan, recording, sound effects, storyboard, time code, trailer, transition, video, voiceover (Option 1 - as above, plus: cross blur, crossfade, cross zoom, desktop, digital device, dip to black, directional wipe, laptop) (Option 2 - as above, plus: cross dissolve, fade to black/white , slide, wipe)</p>
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Unit	Year 4/5 – Key Vocabulary
Online safety	accurate, advice, app, application, app permissions, biography, bullying, communication, emojis, health, in-app purchases, information, judgement, meme, mental health, mindfulness, negative contribution, online, online communication, opinion, organisation, password, personal information, positive contribution, real world, strong password, summarise, support, trusted adult, well-being
Programming: Scratch	algorithm, animation, application, code, code block, debug, decompose, game, interface, loop, predict, program, remixing code, repetition code, review, Scratch, sprite, tinker
Computing systems and networks: Search engines	algorithm, appropriate, copyright, correct, credit, data leak, deceive, fair, fake, inappropriate, incorrect, index, information, keywords, network, privacy, rank, real, search engine, TASK, web crawler, website
Data handling: Investigating weather	accurate, climate zone, condensation, cylinder, degrees Celsius, evaporation, extreme weather, filming, forecast, heat sensor, lightning, measurement, pinwheel, presenter, rain, satellite, script, sensor data,

	solar panel, temperature, thermometer, tornado, weather, weather forecast, wind speed
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Unit	Year 6 – Key Vocabulary
Programming: Introduction to Python	algorithm, code, command, design, import, indentation, input, instructions, loop, output, patterns, random, remix, repeat, shape
Online safety	anonymity, antivirus, biometrics, block, consent, digital footprint, digital personality, financial information, hacking, inappropriate, malware, online bullying, online reputation, password, personal information, phishing, privacy settings, private, reliable source, report, respect, scammers, screengrab, screenshot, secure, selfie, software updates, two-factor authentication, URL, username
Computing systems and networks: Bletchley Park and	acrostic code, audio advert, brute force hacking, Caesar cipher, chip and PIN system, cipher, combination, date shift cipher, discovery, invention, Nth Letter Cipher, password, pigpen cipher, scrambled, script, secret, secure, technological advancement, trial and error



the history of computers	
Data handling 1: Big data 1	algorithm, barcode, Boolean, brand, chip, commuter, contactless, data, encrypt, infrared, proximity, QR code, QR scanner, radio waves, RFID, signal, spreadsheet, systems analyst, transmission, wireless