

EYFS Computing - Key Vocabulary

Continuous provision in the classroom: <u>Computing through continuous provision.</u>	<u>Computing systems and networks 1: Using a computer</u>	Computing Systems and Networks 2 <u>Exploring Hardware</u>	Programming 1 <u>All about instructions</u>	Programming 2 <u>Exploring hardware</u>	Data Handling <u>Introduction to data</u>	Online safety
arrow, click, computer, computer safety, computer tower, cursor, drag, drop, keyboard, left click, letters, lock, log in, log out, lowercase, monitor, mouse, mouse control, move, numbers, paint, password, personal, protect, right click, secure, security, stamp, type, uppercase	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	batteries, behind, blurred, blurry, buttons, camera, capture, clear, click, 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,	algorithm, arrow, back, backwards, Bee-Bot, circle, debug, direction, directions, forward, instructions, left, program, right, route,	altogether, bigger than, branch database, categorise, category, colour, collect, column, count, data, describe, divide, equal, graph, group, height, in total, least popular, length, less, more, most popular, pattern, pictogram, record, row, share, size, smaller than, sort, square, texture, thicker than, thinner than, weight	altogether, categorise, charts, collect, data, graph, information, label, pictogram, record, sort, table, tally, values	accepting, consent, denying permission, fake, giving permission, offline, online, pressure, private information, real, reliable, sharing online, source, trusted adult

Words in bold are new vocabulary introduced.

		technology, tinker, twist, under, USB stick, walkie-talkies				
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Year 1 Computing - Key Vocabulary

Computing systems and networks <u>Improving mouse skills</u>	Programming 1 <u>Algorithms unplugged</u>	Creating Media <u>Rocket To The Moon</u>	Programming 2 <u>Programming Bee-Bots</u>	Creating Media <u>Digital Imagery</u>	Data Handling <u>Introduction to data</u>	Online Safety
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	algorithm, artificial intelligence, bug, chunks, code, computer, debug, decompose, device, directions, input, instructions, manageable, order, organise, output, program, problem, solution, specific, tasks, virtual assistant	annotate, cells, components, create, data, debug, designing, digital content, digital image, document, e-document, edit, editing program, evaluate, folder, input, instructions, log in, photo, program, order, robot, save, sequence, share, software, spreadsheet, table	algorithm, Bee-Bot, code, debug, demonstration, explain, explore, filming, inputting, instructions, pause, precise, predict, program, review, test, tinker, video	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	bar chart, block graph, branching database, categorise, chart, click and drag, compare, count, data, data collection, data record, data representation, edit, input, keyboard, line graph, mouse, information, label, pictogram, pie chart, process, record, resize, sort, table, tally, values	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

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Year 2 Computing - Key Vocabulary

Computing systems and networks <u>What is a computer?</u>	Programming 1 <u>Algorithms and debugging</u>	Computing systems and networks 2 <u>Word processing</u>	Programming 2 <u>Programming: ScratchJr</u>	Creating Media <u>Using Tablets</u>	Data Handling <u>International Space Station</u>	Online Safety
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	abstraction, algorithm, artificial intelligence, bug, clear, correct, data, debug, decompose, error, key features, loop, predict, unnecessary	back button, backspace, bold, copy, copyright, cut, delete, forward button, highlight, image, import, italic, keyboard, keyboard shortcut, layout, navigate, paste, redo, search, space bar, text, text effects, touch typing, underline, undo, word processing	algorithm, animation, blocks, bug, button, CGI, computer code, code (verb), debug, fluid, icon, imitate, instructions, loop, 'on tap', programming, repeat, Scratch JR, sequence, sound recording	animation, animator, background, character, decomposition, design, edit, evaluate, flip book, fluid movement, frame, model, moving images, still image, storyboard, thaumatrope, zoetrope, digital device, onion skinning, stop motion	algorithm, astronaut, column, data, digital content, essential, experiment, Goldilocks zone, interactive map, International Space Station, input, monitor, satellite, sensor, space, spreadsheet, survival, temperature, thermometer	accept, comment, consent, content, deny, emojis, offline, online, password, permission, personal information, pop-ups, pressure, private information, reliable, share, terms and conditions, trusted adult

Year 3 Computing - Key Vocabulary

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Computing systems and networks 1 <u>Networks</u>	Programming <u>Scratch</u>	Computing systems and networks 2 <u>Emailing - Google</u>	Computing systems and networks 3 <u>Journey Inside a Computer</u>	Creating Media <u>Using iPads</u>	Data Handling <u>Comparison cards</u>	Online
device, file, internet, network, network switch, packet data, router, server, the cloud, use, Wi-Fi, wired, wireless, wireless access point, DSL, fibre, network map, submarine cables, website trackers	algorithm, animation, application, code, code block, coding application, debug, decompose, interface, game, loop, predict, program, remixing code, repetition code, review, Scratch, sprite, tinker	attachment, bcc (blind carbon copy) cc (carbon copy), compose, content, cyberbullying, download, email, email account, email address, emoji, emotions, fake, font, genuine, hacker, icons, inbox, link, negative language, password, personal information, positive language, reply, responsible digital citizen, scammer, settings, send, sign in, spam email, subject bar, theme, tone, username, virus, WiFi	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	application, camera angle, clip, edit, film editing software, graphics, import, key events, photo, plan, recording, sound effects, storyboard, time code, trailer, transition, video, voiceover	categorise, category, chart, data, database, fields, filter, graph, information, interpret, PDF, questionnaire, record, representation, sort, spreadsheet	accuracy, ad, advantage, advertisement, belief, bot, computer, disadvantage, distraction, fact, hashtag, implications, in-app purchases, influencer, opinion, program, recommendation, reliable, risk, screen time, search results, snippets, sponsored, trustworthy

Year 4 Computing - Key Vocabulary

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Computing systems and networks <u>Collaborative learning - Google</u>	Programming 1 <u>Further coding with scratch</u>	Creating Media <u>Website design</u>	Skills showcase <u>HTML</u>	Programming 2 <u>Computational thinking</u>	Data Handling <u>Investigation weather</u>	Online Safety
animations, average, bar chart, collaboration, comment, contribution, data, edited, email account, format, freeze, icon, images, insert, link, multiple choice, numerical data, pie chart, presentations, resolved, reviewing comments, share, slides, software, spreadsheets, suggestions, survey, teamwork, themes, transitions	broadcast block, code blocks, conditional, coordinates, decomposition, features, game, information, negative numbers, orientation, parameters, position, program, project, script, sprite, stage, tinker, variables	checklist, Google Sites, hobby, homepage, published, record, style, subpage, tab, theme, CSS, end tag, hacking, heading, HTML, HTML tags, URL, start tag	checklist, Google Sites, hobby, homepage, published, record, style, subpage, tab, theme, CSS, end tag, hacking, heading, HTML, HTML tags, URL, start tag	abstraction, algorithm, code, computational thinking, decomposition, input, logical reasoning, output, pattern recognition, script, sequence, variable	accurate, climate zone, condensation, cylinder, degrees Celsius, evaporation, extreme weather, filming, forecast, heat sensor, lightning, measurement, pinwheel,	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

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Year 5 Computing - Key Vocabulary

Computing systems and networks 1 <u>Search engines</u>	Programming 1 <u>Music</u>	Data Handling <u>Mars Rover 1</u>	Programming 2 <u>Micro:bit</u>	<u>Creating Media</u> <u>Stop motion animation</u>	<u>Data handling & Skills showcase</u> <u>Mars Rover 2</u>	Online Safety
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	beat, code, debugging, decompose, error, evaluate, genre, input, loop, music, nested loop, output, pitch, plan, predict, program, program language, repeat, remixing, rhythm, Scratch, soundtrack, tempo, tinker, live loops, Sonic Pi	8-bit binary, addition, ASCII, binary code, boolean, byte, data, data transmission, decimal numbers, discovery, distance, Hexadecimal, input, Mars Rover, numerical data, output, planet, radio signal, RAM, scientist, sequence, signal, simulation, space, subtraction	algorithm, animation, app, blocks, bluetooth, code block, connection, create, debug, decompose, designing, desktop, device, download, images, input, instructions, laptop, load, loop, Micro:bit, outputs, pairing, pedometer, polling, predict, program, repetition, reset, sabotage, scoreboard, screen, systematic, tablet, tinkering, USB, variables, wifi, wireless, wires	animation, animator, background, character, decomposition, design, edit, evaluate, flip book, fluid movement, frame, model, moving images, still image, storyboard, thaumatrope, zoetrope, digital device, onion skinning, stop motion	3D, algorithm, binary image, CAD, compression, CPU, data, drag and drop, "Fetch, decode, execute", ID card, input, JPEG, memory, online community, operating system, output, pixels, RAM, responsible, RGB, ROM, safe	accurate information, advice, app permissions, application, apps, bullying, communication, emojis, health, in-app purchases, information, judgement, memes, mental health, mindfulness, mini-biography, online communication, opinion, organisation, positive contributions, private information, real world, strong password, summarise, support, trusted adult, wellbeing

Year 6 Computing - Key Vocabulary

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Computing systems and networks 1 <u>Bletchley Park and the history of computers</u>	Computer systems and networks <u>Exploring AI</u>	Data handling <u>Big data 1</u>	Programming <u>Intro to Python</u>	Data handling <u>Big data 2</u>	Skills showcase <u>Inventing a product</u>	Online Safety
acrostic code, audio advert, brute force hacking, Caesar cipher, chip and PIN system, cipher, combination, data shift cipher,	AI, AI generated image, AI generated text, algorithm, applications, argument, authenticity, code, consideration, debate, ethical, fake, generate, HTML, image, implication, instructions, learn, modify, output, patterns, prompt, rebuttal, replace, refine, response, task, trained and webpage	Big Data, bluetooth, corrupted, data, energy, GPS, improve, infrared, Internet of Things, personal, privacy, QR codes, revolution, RFID, SIM, simulation, Smart city, Smart school, stop motion, threat, wifi, wireless	algorithm, code, command, design, import, indentation, input, instructions, loop, output, patterns, random, remix, repeat, shape	Big Data, bluetooth, corrupted, data, energy, GPS, improve, infrared, Internet of Things, personal, privacy, QR codes, revolution, RFID, SIM, simulation, Smart city, Smart school, stop motion, threat, wifi, wireless	abstraction, adapt, advert, algorithm, bug, code, coding, debug, design, edit, electronic, evaluate, image rights, images, influence, information, input, loop, manipulation, output, photos, product, program, repetition, screenshot, selection, sequence, snippets, software, structure, variable, video, website	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,

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