

Key Vocabulary Computing



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Using a computer	Using a computer	All about instructions	Exploring hardware	Programming Bee-Bots	Introduction to data
	Computer, Mouse, Move Click IPad off, on,	arrow, computer safety, cursor, drag, keyboard, log in/out monitor, password, protect, secure,	adjective, debug, describe, first, follow, instructions, last, left, next, order, predict/prediction, right, second, sequence, third,	batteries, buttons, camera, dial, electricity/electric hard-drive, image, lens, memory, mobile phones, monitor, open, power, record, remote control, technology, USB stick,	algorithm, arrow, backwards, Bee-Bot, circle, debug, direction/directions, forward, instructions, left, program, right, route, sequence, straight on, turn	altogether, branch database, categorise/category, collect, column, data, equal, graph, group, in total, most popular, pattern, pictogram, record, row, sort
Year 1	Computing systems and networks: Improving mouse skills	Programming 1: Algorithms unplugged	Skills showcase: Rocket to the moon	Programming 2: Bee-Bots	Creating media: Digital imagery	Data handling: Introduction to data
	account, click, ctrl, cursor, drag, drag and drop, digital photograph, drop, duplicate, keyboard, layers, log on/ in, log out/ off, menu, mouse, mouse pointer, password,	algorithm, automatic, chunks, clear, code, decompose, decomposition, input, manageable, motion, order, organise, output, precise, programming,	annotate, cells, components, create, data, debug, designing, digital content, digital image, document, e-document, edit, editing program, evaluate, folder,	algorithm, artificial intelligence, Bee-Bot, code, debug, demonstration, filming, inputting, instructions, pause, precise, predict, program, tinker,	Background, blurred, camera, crop, device, digital camera, download, edit, editing software, filter, image, import, internet, keyword, online,	bar chart, block graph, branching database, categorise, chart, compare, count, data, data collection, data record, data representation, line graph, pictogram, pie chart, process,

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	right click, screen (monitor), software, tool , username	robot , sensor , solution , specific , steps , tasks , virtual assistant	input, program, save , sequence, share , software , spreadsheet, table	video , video recording	photograph , resize , save as , search engine , sequence, storage space , visual effects	record, resize, sort , table, tally , values
Year 2	Computing systems and network:.. What is a computer?	Programming 1: Algorithms and debugging	Skills showcase: Word processing	Programming 2: Scratch Jr	Creating media: Stop motion	Data handling: International space station
	battery , desktop , device, digital , digital recorder , electricity , function , input, invention, laptop , monitor , output, paying till , scanner , screen , system , technology , video , wires	abstraction , algorithm, artificial intelligence, bug, clear, correct, data, debug, decompose, error, key features , loop , predict, unnecessary	backspace , copy/cut copyright , forward button , highlight , home row , home screen , italics/ bold , keyboard character , layout , navigate , paste , redo , space bar , text/text effects , touch typing , underline , undo , word processing	algorithm, blocks , bug, button, CGI , computer code , debug, fluid , icon , imitate, loop, 'on tap', programming, repeat, Scratch JR , sequence, sound recording	Animation , animator , background , digital device , drawing , flipbook , frames , moving images , opinion skinning , still images duration,	astronaut , data, digital content, experiment , galaxy , insulation , interactive map , International Space Centre , International Space Station , interpret , laboratory , monitor, planet , satellite , sensor, space , temperature , thermometer , water reservoir
Year 3	Computing systems and network: Networks and the internet	Programming: Scratch	Computing systems and networks 2: Emailing	Computing systems and networks 3: Journey inside a computer	Creating media: Video trailers	Data handling: Comparison cards databases
	cables, component, connection, corrupted , data, device, DSL (digital subscriber line) ,	animation, application , code, code block, coding application , debug, decompose,	attachment , bcc (blind carbon copy) cc (carbon copy) , compose , content, cyberbullying , document, domain ,	algorithm , assemble , CPU (central processing unit) , data , decompose , desktop , disassemble , GPU (graphics	application, camera angle, clip , edit, film editing software , graphics , import,	chart, data, database, fields , filter , graph, interpret , PDF ,



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	<p>fibres, internet, network/network map, network switch, packets, radio waves, router, server, submarine cables, text map, The Cloud, web server, website, website trackers, WiFi, Wireless Access Points, World Wide Web</p>	<p>interface, game, loop, predict, program, remixing code, repetition code, review, Scratch, sprite, tinker</p>	<p>download, email/account/address, emoji, fake, genuine, hacker, icons, inbox, link, reply, responsible digital citizen, scammer, send, sign in, spam email, subject bar, theme, tone, username, virus,</p>	<p>processing unit), hard drive, HDD (hard disk drive), infinite loop, input, memory, microphone, output, photocopier, program, QR code, RAM (random access memory), ROM (read only memory), storage,</p>	<p>key events, photo, plan, recording, sound effects, storyboard, time code, trailer, transition, video, voiceover cross dissolve, fade to black/white slide</p>	<p>questionnaire, record, representation, spreadsheet</p>
Year 4	Computing systems and networks: Collaborative learning	Programming 1: Further coding with Scratch	Creating media: Website design	Skills showcase: HTML	Programming 2: Computational thinking	Data handling: Investigating weather
	<p>animations, average, bar chart, collaboration, comment, conditional formatting, contribution, edited, format, freeze, insert, multiple choice, numerical data, pie chart, presentations, resolved, reviewing comments, slides, spreadsheets,</p>	<p>broadcast block, code blocks, conditional, coordinates, decomposition, features, game, information, negative numbers, orientation, parameters, position, program, project, script, stage,</p>	<p>assessment, audience, collaboration, content, contribution, create, design, embed, evaluate, features, hyperlinks, images, insert, online, plan, progress, review,</p>	<p>code, component, content, copyright, CSS, end tag, fake news, hacking, heading, headline, hex code, HTML, input, internet browser, output, paragraph, permission,</p>	<p>abstraction, algorithm, code, computational thinking, decomposition, input, logical reasoning, output, pattern recognition, script, sequence, variable</p>	<p>accurate, backdrop, climate zone, collaboration, condensation, cylinder, degrees, evaporation, extreme weather, forecast, heat sensor, lightning, measurement, pinwheel, presenter, rain, satellite,</p>



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	<p>suggestions, survey, themes, transitions</p>	<p>variables</p>	<p>web page, website, checklist, Google Sites, hobby, homepage, published, subpage, tab,</p>	<p>remixing, script, start tag, tags, URL, webpage</p>		<p>script, sensitive, sensor data, solar panel, temperature, thermometer, tornado, weather, weather forecast, wind</p>
Year 5	<p>Computing systems and networks: Search engines</p>	<p>Programming 1: Music</p>	<p>Data handling: Mars Rover 1</p>	<p>Programming 2: Micro:bit</p>	<p>Creating media: Stop motion</p>	<p>Skills showcase: Mars Rover 2</p>
	<p>algorithm, appropriate, copyright, credit, data leak, deceive, fair, fake, inappropriate, incorrect, index, information, keywords, network, privacy, rank, real, search engine, TASK, web crawler, website</p>	<p>beat, bugs, coding, command, debug, decompose, error, loop, melody, mindmap, output, performance, pitch, play, programming, rhythm, tempo, timbre, tinker, tutorials, repeat, soundtrack, spacing</p>	<p>8-bit binary, addition, ASCII, binary code, boolean, byte, construction, CPU, data transmission, decimal numbers, design, discovery, distance, hexadecimal, Mars Rover, moon, numerical data, radio signal, RAM, research, scientist, sequence, signal, simulation, subtraction, transmit</p>	<p>animation, app, blocks, bluetooth, code block, connection, decompose, load, loop, Micro:bit, outputs, discovery, pedometer, polling, program, repetition, reset, sabotage, scoreboard, screen, systematic, tinkering, USB,</p>	<p>animation, animator, background, character, decomposition, design, edit, flip book, fluid movement, frame, model, moving images, still image, storyboard, thaumatrope, zoetrope</p> <p>digital device, onion skinning, stop motion</p>	<p>3D, algorithm, binary image, CAD, compression, CPU, data, drag and drop, "Fetch, decode, execute", ID card, JPEG, memory, online community, operating system, output, pixels, RAM, responsible, RGB, ROM,</p>
Year 6	<p>Computing systems and networks: Bletchley Park</p>	<p>Programming: Introduction to Python</p>	<p>Data handling 1: Big data 1</p>	<p>Creating media: History of computers</p>	<p>Data handling 2: Big data 2</p>	<p>Skills showcase: Inventing a product</p>



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	<p>acrostic code, brute force hacking, caesar cipher, chip and pin system, cipher, code, combination, contribute, convince, date shift cipher, discovery, hero, invention, Nth Letter Cipher, password, Pig Latin, Pigpen cipher, present, scrambled, secret, secure, technological advancement, trial and error</p>	<p>algorithm, code, command, design, import, indentation, input, instructions, loop, output, patterns, random, remix, repeat, shape</p>	<p>algorithms, barcode, binary, Boolean, brand, chips, commuter, contactless, encrypted, infrared, MagicBand, privacy, proximity, QR code, QR scanner, radio waves, RFID, systems/data analyst, transmission,</p>	<p>background noise, byte, FX, gigabyte, graphics, hard drive, hardware, kilobytes, megabyte, memory storage, operating system, overlay,</p> <p>processor, radio play, RAM, Raspberry Pi, reverb, ROM, sound effects, terrabytes, touch screen, track, trackpad, trailer</p>	<p>Big Data, bluetooth, corrupted, energy, GPS, improve, infrared, Internet of Things, personal, privacy, revolution, RFID, SIM, Smart city, Smart school, stop motion, threat, wifi, wireless</p>	<p>adapt, advert, bugs, coding, debugging, electronic, evaluate, facts, image rights, influence, inputs, loops, manipulation, opinions, output, product, repetition, screenshot, search engine, selection, sequence, snippets, software, structures, variables, website</p>
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Online Safety Week

Year 1

communicate, connect, console, devices, digital footprint, emotion, feelings, instructions, internet, internet safety, laptop, mood, online, personal information, phone, posting, predict, respect, sharing, smart device, smartphone, smart TV, smartwatch, strangers, tablet, trust, wired, wireless



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Year 2	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	accurate, age restricted, autocomplete, beliefs, block, content, digital devices, fact, fake news, internet, opinion, password, persuasive, privacy settings, reliable, report, requests, search engine, security questions, sharing, smart devices, social media platforms, social networking, wellbeing
Year 4	accuracy, advantages, advertisements, belief, bot, chatbot, computer, distractions, fact, hashtag, implications, in-app purchases, influencer, opinion, program, recommendations, reliable, risks, screen time, search results, snippets, sponsored, trustworthy
Year 5	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, password, personal information, positive contributions, private information, real world, strong password, summarise, support, technology, trusted adult, wellbeing
Year 6	anonymity, antivirus, biometrics, block and report, consent, copy, digital footprint, digital personality, financial information, hacking, inappropriate, malware, online bullying, online reputation, password, paste, personal information, personality, phishing, privacy settings, private, reliable source, report, reputation, respect, scammers, screengrab, secure, settings, software updates, two factor authentication, URL, username