

Christ Church CE Academy – Computing Vocabulary Map

A list of vocabulary that is covered across the Kapow Primary Computing scheme of work. Words in bold show new vocabulary as it is introduced.

Computing Systems and Networks						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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	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	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, 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	device, file, internet, network, network switch, packet data, router, server, the cloud, user, Wi-Fi, wired, wireless, wireless access point, attachment , bcc (blind carbon copy) cc (carbon copy), compose , content, cyberbullying , document, domain , download , email , email account , email address , emoji , emotions, fake , font, genuine , hacker , icons, inbox , information, link , log in, log out, 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	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	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	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 , AI , AI generated image , AI generated text , algorithm, applications, argument, authenticity, code, considerations, debate, ethical, fake, generate, HTML, image, implications, instructions, learn, modify, output, patterns, prompt, rebuttal , replace, refine, response, task, trained and webpage.

			<p>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</p>		
--	--	--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--

Programming						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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, algorithm, arrow, back, backwards, Bee-Bot, circle, debug, direction, directions, forward, instructions, left, program, right, route, sequence, straight on, turn	<p>algorithm, artificial intelligence, bug, chunks, code, computer, debug, decompose, device, directions, input, instructions, manageable, order, organise, output, program, problem, solution, specific, tasks, virtual assistant, algorithm, Bee-Bot, code, debug, demonstration, explain, explore, filming, inputting, instructions, pause, precise, predict, program, review, test, tinker, video</p>	<p>abstraction, algorithm, artificial intelligence, bug, clear, correct, data, debug, decompose, error, key features, loop, predict, unnecessary, algorithm, bug, debug, programming, sequence (Option 1 - as above, plus: block coding, evaluate, micro:bit, MakeCode, program) (Option 2 - as above, plus: animation, blocks, CGI, computer code, fluid, icon, imitate, instructions, loop, 'on tap', repeat, Scratch Jr , sound recording),</p>	algorithm, animation, application, code, code block, debug, decompose, game, interface, loop, predict, program, remixing code, repetition code, review, Scratch, sprite, tinker,	code block, conditional statement, coordinates, decompose, feature, information, negative number, orientation, position, program, project, script, sprite, stage, tinker, variable, abstraction, algorithm, algorithm design, computational thinking, debug, decomposition, effectiveness, evaluate, instructions, logical, pattern recognition, relevant, remixing, sequence, unplugged	<p>adapt, basic command, beat, code, debugging, decompose, error, evaluate, genre, input, loop, music, nested loop, output, pitch, plan, predict, program, program language, repeat, remixing, rhythm, Scratch, soundtrack, soundtrack, tempo, tinker, algorithm, animation, app, blocks, bluetooth, code block, connection, create, debug, decompose, designing, desktop, device, download, images, input, instructions, laptop, load, loop, Micro:bit,</p>	algorithm, code, command, design, import, indentation, input, instructions, loop, output, patterns, random, remix, repeat, shape,

					outputs, pairing, pedometer, polling, predict, program, repetition, reset, sabotage, scoreboard, screen, systematic, tablet, tinkering, USB, variables, wifi, wireless, wires	
--	--	--	--	--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

Creating Media						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
N/A	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	Animation, animator, background, digital device, drawing, flipbook, frames, moving images, opinion skinning, still images (Option 1- as above, plus: decompose, object, plan) (Option 2- as above, plus: decompose, digital camera, duration, focus, import, object, plan, save, upload) (Option 3- as above, plus: debug, effects, evaluate, fluid, pen tool, static)	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)	assessment, audience, collaboration, content, contribution, create, design, embed, evaluate, features, hyperlinks, images, insert, online, plan, progress, review, web page, website, World Wide Web (Google version add in: checklist, Google Sites, hobby, homepage, published, record, style, subpage, tab, theme) (Microsoft version add in: design view, information, Microsoft Sway, stack, storyline view, style, transform, web browser)	animation, animator, background, character, decomposition, design, edit, evaluate, flip book, fluid movement, frames, model, moving images, still images, storyboard, thaumatrope, zoetrope (Option 1 add in: digital device, onion skinning, stop motion) (Option 2 add in: effects, photos, script)	N/A

Data Handling						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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	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	algorithm, astronaut, column, data, digital content, essential, experiment, Goldilocks zone, interactive map, International Space Station, input, monitor, row, satellite, sensor, space, spreadsheet, survival, temperature, thermometer.	categorise, category, chart, data, database, Excel, fields, filter, graph, information, interpret, PDF, questionnaire, record, representation, sort, spreadsheet	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	8-bit binary, addition, ASCII, binary code, boolean, byte, CPU, data, data transmission, decimal numbers, discovery, distance, Hexadecimal, input, Mars Rover, the Moon, numerical data, output, planet, radio signal, RAM, scientist, simulation, space, subtraction,	algorithm, barcode, boolean, brand, chip, commuter, contactless, data, encrypt, infrared, proximity, QR code, QR scanner, radio waves, RFID, signal, spreadsheet, systems analyst, transmission, wireless, 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

Skills Showcase						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
N/A	annotate, cells, components, create, data, debug, designing, digital content, digital image, document, e-document, edit, editing software, editing program, evaluate,	N/A	N/A	code, content, copyright, CSS, end tag, fake news, hacker, heading, HTML, HTML tags, internet browser, paragraph, remixing, start tag, text, unplugged, URL, web	3D, algorithm, binary image, CAD, compression, CPU, data, drag and drop, “Fetch, decode, execute”, ID card, input, JPEG, memory, online community,	abstraction, adapt, advert, algorithm, bug, code, coding, debug, design, edit, electronic, evaluate, image rights, images, information, input, loop, output, photos, product,

	folder , graphics, input, instructions, log in, photo, program, order, robot, save , sequence, share , software , spreadsheet , table			page , web page elements	operating system , output, pixels, RAM, responsible , RGB , ROM , safe	program, repetition, screenshot , selection , sequence, software, structure , variable, video, website
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	----------------------------------------	-----------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------

Online Safety						
Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
N/A	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	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	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	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	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	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