



St Michael's CE Primary School

Computing Progression in Vocabulary
2026-2027

Courage to Flourish in the Love of God

Progression in Vocabulary 2026-2027

	Computing Systems and Networks	Programming	Creating Media	Data Handling	Online Safety
Nursery	Technology, Device, Button, Touchscreen, Press, Touch, Move, On, Off		Sound, Image		Internet, Adult, Help, Safe
Reception	Technology, Digital device, Screen, Software, Button, Touchscreen, Select	Program, Instructions, Order, First, Next, Then	Picture, Photograph, Video, Sound, Record, Recording, Create	Information, Find, Retrieve, Share	Internet, Online, Safe, Help, Trusted adult
Year 1	Account, computer, log off, log on, mouse, password, predict, screen (monitor), software, tool, click, clipart, drag, duplicate, explore, redo, resize, undo, bring to the front, drag and drop, fill, layers, left-click, outline, right-click	Command, order, Error, smart speaker, instructions Command, instructions, program, error	Image, photograph, photo story, Sequence, Camera, delete, crop, edit, editing software		Device, going online, internet, online safety, pop-up, responsible digital citizen, report, unkind, personal information, stranger, trusted adult, Feelings, in-person interactions, kindness, online interactions, App, appropriate, digital footprint, posting online, sharing online, website, online activity, online experience, offline activity, screen time, technology
Year 2	Buttons, computer, desktop, keyboard, laptop, Mouse, screen (monitor), Device, input, output, robot,	Algorithm, command, instructions, order, error, bug, debugging, sequence		digital content, interactive map, International Space Station, satellite, space, survival,	Consent, offline, online, permission, personal information, sharing online, trusted adult, Password, private information, Accepting,

	technology, digital recorder, role, scanner, System, till, video	Block, code, ScratchJr, Animation, loop, repeat, Algorithm, sequence, program		Astronaut, data, input, monitor, sensor, Temperature, thermometer, Column, Goldilocks zone, row, Spreadsheet	denying permission, giving permission, pressure, Fake, pop-up, real, reliable, source
Year 3	Component, network, network map, network switch, router, server, wi-fi, wired, wireless, wireless access points, File, the cloud, user, user request, website, packet data, route	Coding, predict, program, sprite, tinker, Animation, decomposition, forever block, Loop, remixing, repeat block, Debug, evaluate	Film, key events, plan, storyboard, trailer, video, voiceover, Application, edit, film editing software, Graphics, recording, sound effects, time code, cross dissolve, fade to black, fade to white, theme, transition, wipe		belief, fact, fake news, hoax, internet, opinion, reliable, search engine, Content, permission, share, Charity, online emotions, organisation, Autocomplete, digital device, internet of things, smart devices, age restrictions, search, social media platforms
	Computer, computer program, data, input, Keyboard, monitor, mouse, output, CPU, GPU, RAM, ROM, Components, disassemble, hard drive				

Year 4	Collaborate, document, online, teamwork, Email, multiple choice, survey, rating, share, Average, data, numerical data, spreadsheet	Condition, decomposition, if statement, Sprite, variable, ask block, if, then, else, join block		Accurate, condensation, degrees Celsius, Evaporation, measurement, weather, climate zone, extreme weather, Lightning, sensor data, tornado, heat sensor, satellite, temperature, weather forecast, wind speed	Accuracy, advertisement, reliable, search results, snippets, sponsored, trustworthy, Ad, in-app purchases, influencer, Recommendation, Belief, fact, opinion, reliability, Advantage, bot, computer, disadvantage, Program, risk, Distraction, hashtag, screen time
		computational thinking, decomposition, pattern recognition, Abstraction, relevant, Algorithm, algorithm design, instructions, logical, sequence, unplugged, remixing			
Year 5	data leak, data privacy, network, online, search engine, website, www, Correct, deceive, fake news, inaccurate, real, Keywords, TASK, Copyright, credit, fair, inappropriate	Code, genre, loop, pitch, program, rhythm, Soundtrack, tempo, Adapt, decompose, remixing, input, nested loop, output, repeat, Debugging, evaluate	Animation, flipbook, frame, moving image, still image, thaumatrope, zoetrope, onion skinning, stop motion, decompose, storyboard	Binary, data, distance, Mars Rover, planet, Scientist, signal, transmit, 8-bit binary, bit, byte, data size, store	App, application, in-app purchase, Password, permission, personal information, strong password, Communication, emojis, meme, negative contribution, online communication, positive contribution, trusted adult, Accurate, biography, information, judgement, opinion, Summarise, Bullying, online, organisation, real world, health, mental health,

					mindfulness, support, well-being
Year 6	acrostic code, Caesar cipher, cipher, data shift cipher, Nth letter cipher, pigpen cipher, scrambled, secret, brute force hacking, chip and PIN system, combination, password, secure, trial and error, Discovery, invention, technological advancement AI, algorithm, applications, learn, patterns, trained, AI-generated text, generate, prompt, Refine, response, Argument, considerations, debate, ethical, implications, rebuttal, replace, task	block coding, Python, text-based programming, Brackets, colon, indentation, syntax, inner loop, outer loop, nested loop, hash symbol, .hex file, remix		Barcode, data, QR code, QR scanner, Chip, decode, encode, encrypt, RFID, Column, input, row, spreadsheet, Commuter, contactless	Block, online, privacy settings, report, Consent, inappropriate, Private, respect, screenshot, selfie, Anonymity, digital footprint, digital personality, online reputation, Personality, Reputation, copy, online bullying, paste, screen grab, URL, Biometrics, hacking, two-factor authentication, password, username, secure, Antivirus, financial information, malware, personal information, phishing, reliable source, scammers, software updates