Marlborough Primary Academy School
COMPUTING Key Vocabulary

It is crucial that children have explicit and robust instruction in vocabulary, **to support their verbal and written communication**. At Marlborough Primary Academy, we know that a good understanding of a wide range of vocabulary supports success across the whole curriculum. Therefore, children are regularly taught new vocabulary in all areas of the curriculum.

We know that vocabulary is developed in two ways:
1) Through indirect instruction; using rich reading experiences to grow vocabulary 'naturally'. Paying attention to context to work out meaning and using background knowledge.
2) Through direct 'robust' instruction. Good vocabulary instruction involves…
    a. Decisions about which words to teach
    b. Decisions about how to teach these words

Vocabulary learning at Marlborough is taught in a fun and active way across the curriculum. Each unit of learning within each subject has key vocabulary identified and taught.

Having key subject specific vocabulary gives our children cultural capital to be able to engage with the wider world as they move through life.

	Willows Class			Maple Class			Sycamore Class			Beech Class		
	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3	Term 1	Term 2	Term 3
2023-2024	computer computer tower monitor keyboard mouse letters numbers uppercase lowercase type camera ipad tablet lens point shoot capture picture image gallery record photograph photographer still			accept, commen consent, content deny, emojis, offline, online, password, permission, personal information, pop ups, pressure, private information, reliable, share, terms and conditions, trusted adult, log in, login, Log out off, mouse, mouse pointer, click, keyboard, screen, password, account, software, duplicate, Ctrl,	abstraction, algorithm, artificial intelligence, bug, clear, correct, data, debug, decompose, error, key features, loop, predict, unnecessary, Background, blurred, camera, clear, crop, delete, device, digital camera, download, drag and drop, edit, editing software, filter, image, import, internet,	Algorithm, animation, blocks, bug, button CGI, computer code, code, debug, fluid, icon, imitate, instructions, loop, 'On tap', programming, repeat ScratchJR, sequence, sound recording	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, Animations, average, bar chart, collaboration, comment,	broadcast block, code blocks, conditional, coordinates, decomposition, features, game, information, negative numbers, orientation, parameters, position, program, project, script, sprite, stage, tinker, variables, Accurate, backdrop climate zone, cold, collaboration, condensation, cylinder, degrees,	abstraction algorithm code computational thinking decomposition input logical reasoning output pattern recognition script sequence variable	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	beat buffer bugs coding commands debug decompose error format instructions live loops loop melody mind map music output performance pitch play predict programming rehearsal repetition rhythm	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

blurred blurry crisp clear forward back backwards right left arrow direction turn straight on directions route	tools, right click, menu, layers, username, drag, drag and drop, digital photograph, undo, cursor	keyword, online, photograph, resize, save as, screen, search engine, sequence, software, storage space, visual effects		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	evaporation, extreme weather, forecast, heat sensor, lightning, measurement, pinwheel, presenter, rain, satellite, script, sensitive, sensor data, solar panel, tablet/digital camera, temperature, thermometer, tornado, warm, weather, weather forecast, wind		personal information positive contributions private information real world strong password summarise support technology trusted adult wellbeing 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	sleep sonic pi soundtrack spacing tempo timbre tinker tutorials typing	technological advancement trial and error algorithms barcode binary boolean brand chips commuter contactless data encrypted infrared magicband privacy proximity qr code qr scanner radio waves rfid signal systems/data analyst transmission wireless

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2024-2025	computer computer tower monitor keyboard mouse letters numbers uppercase lowercase type camera ipad tablet lens point			communicate connect connection consoles devices digital footprint emotion feelings instructions internet internet safety laptop mood online	battery buttons camera computer desktop device digital digital recorder electricity function input invention keyboard laptop	algorithm astronaut data digital digital content experiment galaxy insulation interactive map international space centre international space station interpret	accurate age-restricted autocomplete beliefs block content digital devices fact fake news internet opinion password persuasive privacy settings reliable	device file internet network network switch packet data router server the cloud user WiFi wired wireless wireless access point	application camera angle clip cross blur cross fade cross zoom desktop digital device dip to black directional wipe edit film film editing software	anonymity antivirus biometrics block and report consent copy digital footprint digital personality financial information hacking inappropriate malware online bullying	algorithm code command design import indentation input instructions loop output patterns random remix repeat shape	background noise byte computer devices file fx gigabyte graphics hard drive hardware kilobytes megabyte memory storage mouse

shoot	personal	monitor	laboratory	report	algorithm	graphics	online reputation		operating system
capture	information	mouse	monitor	requests	assemble	import	password		overlay
picture	phone	output	planet	search engine	cpu (central	key events	paste		play
image	posting	paying till	satellite	security questions	processing unit)	laptop	personal		processor
gallery	respect	scanner	sensor	sharing	data	music	information		radio play
record	sharing	screen	space	smart devices	decompose	photo	personality		ram
photograph	smartphone	system	temperature	social media	desktop	plan	phishing		raspberry pi
photographer	smart tv	tablet	thermometer	platforms	disassemble	recording	privacy settings		record
still	smartwatch	technology	water	social networking	gpu (graphics	sound effects	private		reverb
blurred	strangers	video	reservoir	wellbeing	processing unit)	storyboard	reliable source		rom
blurry	tablet	wires	artificial		hard drive	time code	report		script
crisp	trust	algorithm	intelligence		hdd (hard disk	trailer	reputation		smartphone
clear	wired	automatic	bee-bot		drive)	transition	respect		sound
forward	wireless	bug	clear		infinite loop	video	scammers		sound effects
back		chunks	code		input	voiceover	screengrab		terrabytes
backwards		clear	debug		keyboard	algorithm	secure		touch screen
right		code	demonstration		laptop	animation	settings		track
left		debug	filming		memory	application	software		trackpad
arrow		decompose	inputting		microphone	code	updates		trailer
direction		decomposition	instructions		monitor	code block	two factor		animation
turn		device	pause		mouse	coding	authentication		animator
straight on		directions	precise		output	application	url		background
directions		input	predict		photocopier	debug	username		character
route		instructions	program		program	decompose	8-bit binary		decomposition
		manageable	tinker		qr code	interface	addition		design
		motion	video		ram (random	game	ascii		digital device
		order	video		access memory)	loop	binary code		edit
		organise	recording		rom (read only	predict	boolean		evaluate
		output			memory)	program	byte		flip book
		precise			storage	remixing code	communicate		fluid movement
		programming			tablet device	repetition code	construction		frames
		problem			technology	review	cpu		model
		robot			touchscreen	scratch	data		moving images
		sensor			touchpad	sprite	transmission		onion skinning
		sequence				tinker	decimal		still images
		solution					numbers		stop motion
		specific					design		storyboard
		steps					discovery		thaumatrope
		tasks					distance		zoetrope
		virtual					hexadecimal		
		assistant					input		
							instructions		
							internet		
							mars rover		
							moon		
							numerical data		
							output		
							planet		
							radio signal		
							ram		
							research		
							scientist		
							sequence		

							signal simulation space subtraction technology transmit		