



Stock C of E Primary School

Computing

Vocabulary progression

Overview - Vocabulary progression

Autumn 1

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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account	battery	device	animations	algorithm	acrostic code
click	buttons	file	average	appropriate	audio advert
clipart	camera	internet	bar chart	copyright	brute force hacking
computer	computer	network	collaboration	correct	Caesar cipher
drag	desktop	network switch	comment	credit	chip and PIN system
drag and drop	device	packet data	contribution	data leak	cipher
duplicate	digital content	router	data	deceive	combination
fill	digital recorder	server	edited	fair	data shift cipher
image	electricity	the cloud	email account	fake	discovery
layers	input	use	format	inappropriate	invention
left-click	invention	Wi-Fi	freeze	incorrect	Nth Letter Cipher
log in	keyboard	wired	icon	index	password
log off	laptop	wireless	images	information	pigpen cipher
mouse	monitor	wireless access point	insert	keywords	scrambled
password	mouse		link	network	script
predict	output		multiple choice	privacy	secret
redo	photograph		numerical data	rank	secure
resize	robot		pie chart	real	technological advancement
right click	scanner		presentations	search engine	trial and error
screen (monitor)	screen		resolved	TASK	
software	system		reviewing comments	web crawler	
tool	tablet		share	website	
username	technology		slides		
undo	till		siftware		

	video wire		spreadsheets suggestions survey teamwork themes transitions		
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**Words on this page are classified as Tier 2 words unless stated otherwise.*

Autumn 2						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1: Commands unplugged	command error instructions order	—	—	—	—	—

Option 2: Algorithms

algorithm
artificial intelligence
bug
chunks
code
computer
debug
decompose
device
directions
input
instructions
manageable
order
organise
output
program
problem
solution
specific
tasks
virtual assistant

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<p>Option 1</p>	<p>—</p>	<p>—</p>	<p>loop</p>	<p>condition if statement variable</p>	<p>—</p>	<p>—</p>
<p>Option 2</p>	<p>—</p>	<p>—</p>	<p>algorithm animation application code code block debug decompose game interface loop predict program remixing code repetition code review Scratch sprite tinker</p>	<p>code block conditional statement coordinates decompose feature information negative number orientation position program project script sprite stage tinker variable</p>	<p>—</p>	<p>—</p>

	—	abstraction algorithm artificial intelligence bug clear correct data debug decompose error key features loop predict unnecessary	—	—	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	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
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					tempo tinker	refine response task trained and webpage
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Spring 1						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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	—	—
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annotate	back button	attachment	assessment	8-bit binary	algorithm
cells	backspace	bcc (blind carbon copy)	audience	addition	barcode
components	bold	cc (carbon copy)	collaboration	ASCII	boolean
create	copy	compose	content	binary code	brand
data	copyright	content	contribution	boolean	chip
debug	cut	cyberbullying	create	byte	commuter
designing	delete	document	design	data	contactless
digital content	forward button	domain	embed	data transmission	data
digital image	highlight	download	evaluate	decimal numbers	encrypt
document	image	email	features	discovery	infrared
e-document	import	email account	hyperlink	distance	proximity
edit	italic	email address	images	Hexadecimal	QR code
editing software	keyboard	emoji	insert	input	QR scanner
editing program	keyboard shortcut	fake	online	Mars Rover	radio waves
evaluate	layout	font	plan	the Moon	RFID
folder	navigate	genuine	progress	numerical data	signal
graphics	paste	hacker	review	output	spreadsheet
input	redo	inbox	web page	planet	systems analyst
instructions	search	information	website	radio signal	transmission
log in	space bar	link	World Wide Web	RAM	wireless
program	text	log in		scientist	
order	text effects	log out		sequence	
robot	touch typing	negative language		signal	
save	underline			simulation	

	sequence share software spreadsheet table	undo word processing	password personal information positive language reply responsible digital citizen scammer settings send sign in spam email subject bar theme tone username virus WiFi		space subtraction	
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Spring 2

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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Option 1 and 2	command instructions error program	—	—	—	—	—
Option 3 and 4	algorithm Bee-Bot code debug demonstration explain explore filming inputting instructions pause precise predict program review test tinker video	—	—	—	—	—

<p>Option 1: MakeCode</p>	<p>—</p>	<p>block coding evaluate micro bit MakeCode program</p>	<p>—</p>	<p>—</p>	<p>—</p>	<p>—</p>
<p>Option 2: Scratch Jr</p>	<p>—</p>	<p>animation blocks button CGI computer code fluid icon imitate instructions loop on tap repeat Scratch Jr sound recording</p>	<p>—</p>	<p>—</p>	<p>—</p>	<p>—</p>
<p>Option 1</p>	<p>—</p>	<p>—</p>	<p>—</p>	<p>—</p>	<p>conditional statement condition variable</p>	<p>—</p>

Options 2

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algorithm
animation
app
blocks
bluetooth
code block
conditional statment
connection
create
debug
decompose
designing
desktop
device
download
images
input
instructions
laptop
load
loop
Micro:bit
outputs
pairing

—

					<p>predometer polling predict program repetition reset sabotage scoreboard screen systematic tablet tinkering USB variables wifi wireless wires</p>	
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	—	algorithm bug debug programming sequence	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	code content copyright CSS end tag fake news hacker heading HTML HTML tags internet browser paragraph remixing start tag text unplugged URL web page web page elements	—	algorithm code command design import indentation input instructions loop output patterns random remix repeat shape
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			RAM (random access memory) ROM (read only memory) storage tablet device technology touchscreen touchpad			
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Summer 1						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1	—	decompose object plan	cross blur crossfade cross zoom desktop digital device dip to black directional wipe laptop	—	digital device onion skinning stop motion	—

Option 2	—	decompose digital camera duration focus import object plan save upload	cross dissolve fade to black/white slide wipe	—	effects photos script	—
Option 3	—	debug effects evaluate fluid pen tool static	—	—	—	—

	background	animation	application	abstraction	animation	Big Data
	blurred	animator	camera angle	algorithm	animator	bluetooth
	camera	background	clip	algorithm design	background	corrupted
	clear	digital device	edit	computational	character	data
	crop	drawing	film editing software	thinking	decomposition	energy
	delete	flipbook	graphics	debug	design	GPS
	device	frames	import	decomposition	edit	improve
	digital camera	moving images	key events	effectiveness	evaluate	infrared
	download	opinion skinning	music	evaluate	flip book	Internet of Things
	drag and drop	still images	photo	instructions	fluid movement	personal
	edit		plan	logical	frames	privacy
	editing software		recording	pattern recognition	model	QR codes
	filter		sound effects	relevant	moving images	revolution
	image		storyboard	remixing	still images	RFID
	import		time code	sequence	storyboard	SIM
	internet		trailer	unplugged	thaumatrope	simulation
	keyword		transition		zoetrope	Smart city
	online		video			Smart school
	photograph		voice over			stop motion
	resize					threat
	save as					wifi
	screen					wireless
	search engine					
	sequence					

	software storage space visual effects					
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Summer 2					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

bar chart	algorithm	categorise	accurate	3D	abstraction
block graph	astronaut	category	climate zone	algorithm	adapt
branching database	column	chart	condensation	binary image	advert
categorise	data	data	cylinder	CAD	algorithm
chart	digital content	database	degrees Celsius	compression	bug
click and drag	essential	Excel	evaporation	CPU	code
compare	experiment	fields	extreme weather	data	coding
count	Goldilocks zone	filter	filming	drag and drop	debug
data	interactive map	graph	forecast	Fetch, decode, execute	design
data collection	International Space Station	information	heat sensor	ID card	edit
data record	input	interpret	lightning	input	electronic
data representation	monitor	PDF	measurement	JPEG	evaluate
edit	satelite	questionnaire	pinwheel	memory	image rights
input	sensor	record	presenter	online community	images
keyboard	space	representation	rain	operating system	information
line graph	spreadsheet	sort	satelite	output	input
mouse	survival	spreadsheet	script	pixels	loop
information	temperature		sensor data	RAM	output
label	thermometer		solar panel	responsible	photos
pictogram			temperature	RGB	product
pie chart			thermometer	ROM	program
process			ternado	safe	repetition
record			weather		screenshot
resize			weather forecast		selection

sort table tally values			wind speed		sequence software structure variable video website
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Online safety

Online safety					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

app	accepting	accurate	accuracy	accurate	anonymity
appropriate	consent	age restrictions	ad	advice	antivirus
device	denying permission	autocomplete	advantage	app	biometrics
digital footprint	fake	belief	advertisement	application	block
feelings	giving permission	charity	belief	app permissions	consent
going online	offline	content	bot	biography	digital footprint
in-person interactions	online	digital device	computer	bullying	digital personality
internet	password	fact	disadvantage	communication	financial information
kindness	personal information	fake news	distraction	emojis	hacking
offline activity	pop-up	hoax	fact	health	inappropriate
online activity	pressure	internet	hashtag	in-app purchases	malware
online experience	private information	internet of things	implications	information	online bullying
online interactions	real	opinion	in-app purchases	judgement	online reputation
personal information	reliable	online emotions	influencer	meme	password
pop-up	sharing online	organisation	opinion	mental health	personal information
posting online	source	permission	program	mindfulness	phishing
report	trusted adult	privacy settings	recommendation	negative contribution	privacy settings
responsible digital citizen		reliable	reliable	online	private
screen time		search	risk	online communication	reliable source
stranger		search engine	screen time	opinion	report
technology		share	search results	organisation	respect
trusted adult		smart devices	snippets	password	scammers
unkind		social media platforms	sponsored	personal information	screengrab
website			trustworthy	positive contribution	screenshot

				real world strong password summarise support trusted adult well-being	secure selfie software updates two-factor authentication URL username
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