

Computing

Vocabulary progression

Standard

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Overview - Vocabulary progression

Autumn 1					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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) software	screen system	Autumn 1		TASK web crawler	
tool Year 1 username	tablet Year 2 technology	Year 3	resolved reviewing comments Year 4 slides	website Year 5	Year 6
undo	till video wire		siftware spreadsheets suggestions survey teamwork themes transitions		

**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	–	–	–	–	–

Autumn 2

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
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	—	—	—	—	—

Autumn 2

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1	–	–	loop	condition if statement variable	–	–
Option 2	–	–	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	Autumn 2		adapt basic command	AI AI generated image
	Year 1	artificial intelligence	Year 3	Year 4	beat	AI generated text
		bug			code	algorithm
		clear			debugging	applications
		correct			decompose	argument
		data			error	authenticity
		debug			evaluate	code
		decompose			genre	consideration
		error			input	debate
		key features			loop	ethical
		loop			music	fake
		predict			nested loop	generate
		unnecessary			output	HTML
					pitch	image
					plan	implication
					predict	instructions
					program	learn
					program language	modify
					repeat	output
					remixing	patterns
					rhythm	prompt
					Scratch	rebuttal
					soundtrack	replace
					tempo	refine
					tinker	response
						task
						trained and webpage

Autumn 2

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Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

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

—

—

	annotate cells	back button backspace	attachment Spring 1 bcc (blind carbon copy)	assessment audience	8-bit binary addition	algorithm barcode
	components Year 1 create	bold Year 2 copy	cc (carbon copy) Year 3 compose	collaboration Year 4 content	ASCII Year 5 binary code	boolean Year 6 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	password		simulation	
	sequence	undo	personal information		space	
	share	word processing	positive language		subtraction	
	software		reply			
	spreadsheet		responsible digital citizen			
	table		scammer			

Spring 1						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			settings send sign in spam email subject bar theme tone username virus WiFi			

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Spring 2						
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1 and 2	command instructions error program	—	—	—	—	—

Spring 2

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

Spring 2

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1: MakeCode	—	block coding evaluate micro bit MakeCode program	—	—	—	—
Option 2: Scratch Jr	—	animation blocks button CGI computer code fluid icon imitate instructions loop on tap repeat Scratch Jr sound recording	—	—	—	—

Spring 2

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 1	–	–	–	–	conditional statement condition variable	–
Options 2	–	–	–	–	algorithm animation app blocks bluetooth code block conditional statment connection create debug decompose designing desktop device download images input instructions laptop load	–

			Spring 2		loop Micro:bit	
	Year 1	Year 2	Year 3	Year 4	Year 5 pairing	Year 6
					outputs predometer polling predict program repetition reset sabotage scoreboard screen systematic tablet tinkering USB variables wifi wireless wires	
	—	algorithm bug debug programming sequence	algorithm assemble CPU (central processing unit) data decompose desktop disassemble	code content copyright CSS end tag fake news hacker	—	algorithm code command design import indentation input

			GPU (graphics processing unit) hard drive Spring 2	heading HTML		instructions loop
	Year 1	Year 2	HDD (hard disk drive) Year 3 infinite loop	HTML tags Year 4 internet browser	Year 5	output Year 6 patterns
			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	paragraph remixing start tag text unplugged URL web page web page elements		random remix repeat shape

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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	—

Summer 1

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Option 3	—	debug effects evaluate fluid pen tool static	—	—	—	—

Summer 1

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	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 thinking	character	data
	crop	drawing	film editing software	debug	decomposition	energy
	delete	flipbook	graphics	decomposition	design	GPS
	device	frames	import	effectiveness	edit	improve
	digital camera	moving images	key events	evaluate	evaluate	infrared
	download	opinion skinning	music	instructions	flip book	Internet of Things
	drag and drop	still images	photo	logical	fluid movement	personal
	edit		plan	pattern recognition	frames	privacy
	editing software		recording	relevant	model	QR codes
	filter		sound effects	remixing	moving images	revolution
	image		storyboard	sequence	still images	RFID
	import		time code	unplugged	storyboard	SIM
	internet		trailer		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		Summer 1			
	visual effects Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

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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	satellite	questionnaire	pinwheel	memory	image rights
input	sensor	record	presenter	online community	images
keyboard	space	representation	rain	operating system	information
line graph	spreadsheet	sort	satellite	output	input
mouse	survival	spreadsheet	script	pixels	loop
information	temperature		sensor data	RAM	output

label pictogram	thermometer	Summer 2	solar panel temperature	responsible RGB	photos product
pie chart Year 1 process	Year 2	Year 3	thermometer Year 4 ternado	ROM Year 5 safe	program Year 6 repetition
record resize sort table tally values			weather weather forecast wind speed		screenshot selection sequence software structure variable video website

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Online safety					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
app appropriate device digital footprint feelings going online in-person interactions internet	accepting consent denying permission fake giving permission offline online password	accurate age restrictions autocomplete belief charity content digital device fact	accuracy ad advantage advertisement belief bot computer disadvantage	accurate advice app application app permissions biography bullying communication	anonymity antivirus biometrics block consent digital footprint digital personality financial information

kindness offline activity	personal information pop-up	fake news hoax	distraction fact	emojis health	hacking inappropriate
online activity Year 1 online experience	pressure Year 2 private information	internet Year 3 internet of things	hashtag Year 4 implications	in-app purchases Year 5 information	malware Year 6 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	secure
				strong password	selfie
				summarise	software updates
				support	two-factor authentication
				trusted adult	URL
				well-being	username

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