



Computing Progression of Vocabulary



	Computing Systems and Networks		Programming	Skills Showcase		Data Handling		Online Safety		Creating Media	
EYFS											
Year 1	account click clipart computer drag drag and drop duplicate fill image layers left-click log in software tool username undo		command error instructions order algorithm Bee-Bot code debug demonstration explain explore filming inputting instructions pause precise predict program review test tinker video	annotate cells components create data debug designing digital content folder graphics input instructions log in program	digital image document e-document edit editing software editing program evaluate order robot save sequence share software spreadsheet table	bar chart block graph branching database categorise chart click and drag compare count line graph mouse information label pictogram	data data collection data record data representation edit input keyboard pie chart process record resize sort table tally values	app appropriate device digital footprint feelings going online in-person interactions internet kindness offline activity online activity online experience online interactions personal information pop-up posting online report responsible digital citizen screen time stranger technology trusted adult unkind website		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
Year 2	battery buttons camera computer desktop device digital content monitor mouse output	digital recorder electricity input invention keyboard laptop screen system tablet technology	abstraction algorithm artificial intelligence bug clear correct data debug decompose error key features					accepting consent denying permission fake giving permission offline online password	pop-up pressure private information real reliable sharing online source trusted adult	animation animator background digital device drawing flipbook frames moving images opinion skinning still images	

	photograph robot scanner	till video wire	loop predict unnecessary			personal information		
Year 3	device file internet network network switch packet data router attachment bcc (blind carbon copy) cc (carbon copy) compose content cyberbullying document domain download email email account email address emoji fake font genuine hacker inbox information link	server the cloud use Wi-Fi wired wireless wireless access point 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 animation application code code block debug decompose game interface loop predict program remixing code repetition code review Scratch sprite tinker		categorise category chart data database Excel fields filter graph information interpret PDF questionnaire record representation sort spreadsheet	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		

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Year 4	abstraction algorithm algorithm design computational thinking debug decomposition effectiveness evaluate instructions logical pattern recognition relevant remixing sequence unplugged		condition if statement variable		code content copyright CSS end tag internet browser paragraph remixing start tag text unplugged URL web page web page elements	fake news hacker heading HTML HTML tags	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 ternado weather weather forecast wind speed	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 search results snippets sponsored trustworthy	assessment audience collaboration content contribution create design embed evaluate checklist Google Sites hobby homepage	features hyperlink images insert online plan progress review published record style subpage tab theme
Year 5	algorithm appropriate copyright correct credit data leak real search engine TASK web crawler website	deceive fair fake inappropriate incorrect index information keywords network privacy rank	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 tempo tinker	Fetch, decode, execute ID card Input JPEG memory online community operating system output pixels RAM responsible RGB ROM safe		8-bit binary addition ASCII binary code boolean byte data data transmission decimal numbers discovery distance Hexadecimal input Mars Rover	the Moon numerical data output planet radio signal RAM scientist sequence signal simulation space subtraction	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	frames model moving images still images storyboard thaumatrope zoetrope effects photos script	

Aspiration - Resilience - Community

			designing desktop device download images input instructions laptop load loop wires	tablet tinkering USB variables wifi wireless						
Year 6	acrostic code audio advert brute force hacking Caesar cipher chip and PIN system cipher combination data shift cipher discovery invention AI AI generated image AI generated text algorithm applications argument authenticity code consideration debate ethical fake generate HTML	Nth Letter Cipher password pigpen cipher scrambled script secret secure technological advancement trial and error image implication instructions learn modify output patterns prompt rebuttal replace refine response task trained and webpage	algorithm code command design import indentation input instructions loop output patterns random remix repeat shape	abstraction adapt advert algorithm bug code coding debug design edit electronic evaluate image rights images information	input loop output photos product program repetition screenshot selection sequence software structure variable video website	algorithm barcode boolean brand chip commuter contactless data encrypt infrared	proximity QR code QR scanner radio waves RFID signal spreadsheet systems analyst transmission wireless	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	