Keevil CofE Academy Computing Vocabulary Progression

		EYFS	KS1		Lower KS2		Upper KS2	
		Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
E-Safety	**PRIOR LEARNING**		*Choices, Internet, Website*	*Choices, Internet, Website Rules, Online, Private information, Email*	*Choices, Internet, Website Rules, Online, Private information, Email Appropriate/inappropriate sites, , Keyword searching*		*Choices, Internet, Website Rules, Online, Private information, Email Appropriate/inappropriate sites, Cyber-bullying, Digital footprint, Keyword searching E-safety rules, Secure passwords, Report abuse button, Gaming, Blogs*	
	NEW LEARNING	Choices Internet Website	Rules Online Private information Email	Appropriate/ inappropriate sites Keyword searching	E-safety rules Secure passwords Report abuse button Gaming Blogs Cyber-bullying Digital footprint		Responsible online communication Informed choices Virus threats Blogs Messaging	
	EXTENSION						plagiarism, citations, reference, bibliography	
Programming	**PRIOR LEARNING**		*Equipment, Buttons, Movement*		*Equipment, Buttons, Movement* *Scratch Jnr, blocks, sprite, background, sequence, debug, algorithm, program, code* *Blocks: start, move, invisible, shrink, show, hide, wait, repeat*	*Equipment, Buttons, Movement Instructions, Buttons, Robots, Patterns, Program Forward, Backward, Right-angle turn, Algorithm, Sequence Action, algorithm, bug, character, code block, code design, command, debug, design mode, input, object, properties, repeat, scale, timer, when clicked, when key*	*Equipment, Buttons, Movement Instructions, Buttons, Robots, Patterns, Program Forward, Backward, Right-angle turn, Algorithm, Sequence Action, algorithm, bug, character, code block, code design, command, debug, design mode, input, object, properties, repeat, scale, timer, when clicked, when key alert, code design, control, event, flowchart bug, input, repeat, selection, computer simulation, variable*	*Equipment, Buttons, Movement Instructions, Buttons, Robots, Patterns, Program Forward, Backward, Right-angle turn, Algorithm, Sequence, Debug, Predict Sequence, instructions, Sequence debugging, Test + improve, Logo commands, Sequence programming Type + edit logo commands, Sensors Open-ended problems, Bugs in programs, Complex programming Explore procedures, Refine procedures, Variable, Hardware + software control, Change inputs, Different outputs, Articulate solutions, Commands*
	NEW LEARNING	Equipment Buttons Movement	Scratch Jnr, blocks, sprite, background, sequence, debug, algorithm, program, code Blocks: start, move, invisible, shrink, show, hide, wait, repeat		Sequence instructions Action, algorithm, bug, character, code block, code design, command, debug, design mode, input, object, properties, repeat, scale, timer, when clicked, when key	alert, code design, control, event, flowchart bug, input, repeat, selection, computer simulation,	Explore procedures Refine procedures Variable Hardware + software control Change inputs Different outputs Articulate solutions Commands	Predicting outputs Plan, program, test & review a program Program writing Control mimics + devices Sensors Measure input Create variables Link errors

		1	2	3	4	5	6	7
Multimedia	**EXTENSION**				IF Forever, variable			
	PRIOR LEARNING		*Screen, Mouse, Images, Keyboard, Paint*	*Screen, Mouse, Images, Keyboard, Paint Videos, Camera stills, Sounds, Image bank, Word bank, Space bar*	*Screen, Mouse, Images, Keyboard, Paint Videos, Camera stills, Sounds, Image bank, Word bank, Space bar Templates, Animation, Documents, Index finger typing, Enter/return, Caps lock, Backspace*	*Screen, Mouse, Images, Keyboard, Paint Videos, Camera stills, Sounds, Image bank, Space bar Paint effects, Templates, Animation, Documents, Index finger typing, Enter/return, Caps lock, Backspace Multimedia, Presentations, Alignment, Brush size, Repeats, Reflections, Green screening, Amend, Copy, Paste*	*Screen, Mouse, Images, Keyboard, Paint Videos, Camera stills, Sounds, Image bank, Word bank, Space bar Paint effects, Templates, Animation, Documents, Index finger typing, Enter/return, Caps lock, Backspace Multimedia, Presentations, Alignment, Brush size, Repeats, Reflections, Green screening, Amend, Copy, Paste Creating + modifying, Specific purpose, Photo modifying, Keyboard shortcuts, Bullet points, Spell check, Constructive feedback*	*Screen, Mouse, Images, Keyboard, Paint Videos, Camera stills, Sounds, Image bank, Word bank, Space bar Paint effects, Templates, Animation, Documents, Index finger typing, Enter/return, Caps lock, Backspace Multimedia, Presentations, Alignment, Brush size, Repeats, Reflections, Green screening, Amend, Copy, Paste Creating + modifying, Specific purpose, Photo modifying, Keyboard shortcuts, Bullet points, Spell check, Constructive feedback Online sharing, Multimedia effects, Multimedia modification, Transitions, Hyperlinks, Editing tools, Refining, Online sharing AI artificial intelligence*
	NEW LEARNING	Screen Mouse Images Keyboard Paint	Videos Camera stills Sounds Image bank Word bank Space bar	Templates Animation Documents Index finger typing Enter/return Caps lock Backspace	Multimedia Presentations Alignment Brush size Repeats Reflections Green screening Amend Copy Paste Paint effects	Creating + modifying Specific purpose Photo modifying Keyboard shortcuts Bullet points Spell check Constructive feedback AI artificial intelligence,	Online sharing Multimedia effects Multimedia modification Transitions Hyperlinks Editing tools Refining Online sharing	Appropriate online tools Audience Atmosphere Structure Copyright Information collection HTML code Storing
	EXTENSION		edit					
Technology in Our Lives	**PRIOR LEARNING**		*, Share, Create,*	*Share, Create, Purpose, Communicate*	*Technology, Share, Create, Internet Purpose, Online tools, Communicate Information sources, Communication, Purposes, Website content*	*Technology, Share, Create, Internet Purpose, Online tools, Communicate Information sources, Communication, Purposes, Website content School network, Devices, Computer parts, Collaborate, Appropriate online communication, Search tools, Appropriate websites, Owner*	*Technology, Share, Create, Internet Purpose, Online tools, Communicate Information sources, Communication, Purposes, Website content School network, Devices, Computer parts, Collaborate, Appropriate online communication, Search tools, Appropriate websites, Owner*	*Technology, Share, Create, Internet Purpose, Online tools, Communicate Information sources, Communication, Purposes, Website content School network, Devices, Computer parts, Collaborate, Appropriate online communication, Search tools, Appropriate websites, Owner*

							Different networks, Information collection, Reliability , Owners	*Different networks, Information collection, Reliability , Owners Computing devices, Internet parts, Collaboration, Responsibility , Searching strategies, Webpages*
	NEW LEARNING	Share Create	Purpose Communicate	Information sources Communication Purposes Website content Internet Technology Online tools	School network Devices Computer parts Collaborate Appropriate online communication Search tools Appropriate websites Owner	Different networks Information collection Reliability Owners	Computing devices Internet parts Collaboration Responsibility Searching strategies Webpages	Information movement Connecting devices Different audiences Research strategies Search result rankings Acknowledge resources
	EXTENSION				Search engine, Google, Edge			
Data Handling	**PRIOR LEARNING**		*Collect Sets Count Organise*	*Collect, Set of photos, Count, Organise Photographs, Video, Sound, Data, Pictogram, Digitally*	*Collect, Set of photos, Count, Organise Photographs, Video, Sound, Data, Pictogram, Digitally Capturing moments, Magnified images, Questions, Data collection, Graphs, Charts, Save, Retrieve*	*Collect, Set of photos, Count, Organise Photographs, Video, Sound, Data, Pictogram, Digitally Capturing moments, Magnified images, Questions, Data collection, Graphs, Charts, Save, Retrieve Search, Enquiry, Question, Construct, Contribute, Record data, Present data, Data logger*	*Collect, Set of photos, Count, Organise Photographs, Video, Sound, Data, Pictogram, Digitally Capturing moments, Magnified images, Questions, Data collection, Graphs, Charts, Save, Retrieve Questioning , Database, Construct, Contribute, Recording data, Data logger, Present data Database creation, Database searches, Inaccurate data, collection sheet*	*Collect, Set of photos, Count, Organise Photographs, Video, Sound, Data, Pictogram, Digitally Capturing moments, Magnified images, Questions, Data collection, Graphs, Charts, Save, Retrieve Questioning , Database, Construct, Contribute, Recording data, Data logger, Present data Database creation, Database searches, Inaccurate data Spreadsheets, Average, advance mode, copy and paste, columns, cells charts, equals tool, formula, formula wizard, move cell tool, random tool, rows, spin tool, spreadsheet, timer*
	NEW LEARNING	Collect Sets Count Organise	Photographs Video Sound Data Pictogram	Capturing moments images Questions Data collection Graphs Charts Save Retrieve	Search, Enquiry, Question, Construct, Contribute, Record data, Present data, Data logger	Database creation Searches data Collection sheet, Analyse	Spreadsheets Average, advance mode, copy and paste, columns, cells charts, equals tool, formula, formula wizard, move cell tool, random tool, rows, spin tool, spreadsheet, timer Spreadsheets,	

	EXTENSION		Digitally	Magnified		Inaccurate		Plausibility,