Key vocabulary - Computing

E-Safety				
Reception	**Year 1**	**Year 2**	**Year 3 / Year 4**	**Year 5 / Year 6**
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	Responsible online communication Informed choices Virus threats Blogs Messaging

Computer Science						
Reception	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
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	Predicting outputs Plan, program, test & review a program Program writing Control mimics + devices Sensors Measure input Create variables Link errors

Information Technology - Multimedia						
Reception	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**

Screen	Videos	Paint effects	Multimedia	Creating + modifying	Online sharing	Appropriate online tools
Mouse	Camera stills	Templates	Presentations	Specific purpose	Multimedia effects	Audience
Images	Sounds	Animation	Alignment	Photo modifying	Multimedia modification	Atmosphere
Keyboard	Image bank	Documents	Brush size	Keyboard shortcuts	Transitions	Structure
Paint	Word bank	Index finger typing	Repeats	Bullet points	Hyperlinks	Copyright
	Space bar	Enter/return	Reflections	Spell check	Editing tools	Information collection
		Caps lock	Green screening	Constructive feedback	Refining	HTML code
		Backspace	Amend		Online sharing	Storing
			Copy			
			Paste			

Information Technology – Data Handling

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Collect	Photographs	Capturing moments	Questioning	Database creation	Spreadsheets	Generate
Set of photos	Video	Magnified images	Database	Database searches	Complex searches (and/or: </>)	Process
Count	Sound	Questions	Construct	Inaccurate data	Problem solving	Interpret
Organise	Data	Data collection	Contribute		Present answers	Store
	Pictogram	Graphs	Recording data		Analyse information	Present information
	Digitally	Charts	Data logger		Question data	Plausibility
		Save	Present data		Interpret	Appropriate data tool
		Retrieve				Interrogate
						Investigations

Digital Literacy

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6

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	Computing devices Internet parts Collaboration Responsibility Searching strategies Webpages	Information movement Connecting devices Different audiences Research strategies Search result rankings Acknowledge resources