Computing Vocabulary Ladder

EYFS	In EYFS, we expect children to understand and use the following words or their associated meanings: Screen, Mouse, Images, Keyboard, Technology, Share, Create, Internet, Collect, Photo, Count, Organise, Choices, Website					
	Autumn		**Spring**		**Summer**	
Year 1	**Uses of Technology** Information Private Online Content Videos Purpose	**Digital Art** Create Organise Store Retrieve Edit Digital Image Camera Image bank	**Multimedia Stories** Select Document Labels Order Storyboard record Word bank	**Coding** Instructions Buttons Program Pictograms Communicate Data	**Digital Sound** Sound Sequence Instruments Long/short sounds Record Voice Effects	**Controlling Machines** Robots Predict Commands Debug
Online Safety	Rules Online Private information Email					

Year 2	Document Creation and Editing	Animation	Coding	Creating Vehicles	Game Creation
	Move	Multiple images	Algorithm	Resize	Information sources
	Resize	Stop motion	Logical	Import	Website content
	Dictate	Explain	Reasoning	Camera roll	Purpose
	Edit text	Save	Sequence	Effects	Templates
	Appearance	Magnify	Outcome		Test
	Position		Decomposition		Evaluate
	Documents		Debug		
			Repetition		
			Output		
			Error		
			Forward		
			Backward		
			Right-angle turn		
			Graphs		
			Charts		
			Communication		

Online Safety	
	==Retrieve Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching==
	Rules Online Private information Email

Year 3	Collaboration	Making Mechanisms	Coding	Digital Comic Books	Digital Music
	Edit	Design	Sequence	Format	Composition
	Style	Create	Debugging	insert	Software
	Engaging	Goal	Test and Improve	Alignment	Mood
	Eye catching	Repetition	Command	Annotate	Style
	Cut	Input	Programming	Edit	Sound clips
	Copy	output	Text	Audio	
	Paste		Audio	recording	
	Annotate		Touch screen		
			Keyboard		
			Patterns		
			Loops		
			Repetition		

Online Safety	
	==E-safety rules Secure passwords Report abuse button Gaming Blogs==
	Retrieve Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching
	Rules Online Private information Email

Year 4	Digital images and Animation	Computational Thinking	Coding with Tynker		Video Creation	3D Design
	Manipulate Instant alpha Background Enhance Crop Brightness Contrast Resize Digital art	Focus Abstraction Precise algorithm Logical reasoning Detect Correct	Selection Input Loops Sensing Variables Operators Debug Output Sensors commands		Sound effects Titles Transitions Subtitles Green screen	Drawing tool Realistic representation

Online Safety	
	E-safety rules Secure passwords Report abuse button Gaming Blogs Retrieve Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching Rules Online Private information Email

Year 5	Collaboration and App Design	Programming Robots with Lego EV3	Coding with Swift Playgrounds		Digital Music	Physical Computing with Raspberry Pi
	Organise Reorganise Edit Import Hyperlink Cut Paste Delete Font size	Controlling Simulating Decomposing Explore procedures Refine procedures Inputs Outputs Commands Sharing Multimedia Effects Modification Transitions Refining	Devices Collaboration Responsibility Search strategies Webpages Spreadsheet Complex search Problem solving Analyse information Interpret Variable Control		Edit Sound clips Volume Pitch Fade Remix Voice over	Conditions Variables Decomposition Evaluate Improvements

Online Safety	
	==Responsible Online communication Informed choices Virus threats Messaging== E-safety rules Secure passwords Report abuse button Gaming Blogs Retrieve Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching Rules Online Private information Email

Year 6	Digital Images	Movie Making and Editing	Coding with Swift Playgrounds	Physical Coding with Sphero	Inside the Internet
	Edit	Edit clips	Sequence	Sequence	HTML
	Remove	Record Buffer	Selection	Selection	Remix Copyright
	Add background	Adjust	Repetition	Repetition	Collecting
	Merge	Segment	Variables	Variables	information
	Photo shopping	atmosphere	Solve problems	Solve problems	Information
	media		Test	Decomposition	movement
				Conditions	Webpage
				Logical reasoning	Appropriate
				Errors	Audience Storage
				Test	
				Improvements	
				Structure	

Online Safety

Responsible   Online communication   Informed choices   Virus threats   Messaging

E-safety rules   Secure passwords   Report abuse button   Gaming   Blogs

Retrieve   Appropriate/inappropriate sites   Cyber-bullying   Digital footprint   Keyword searching

Rules   Online   Private information   Email