SLP History Jou	rney (Progression)								
	Early Years	Year 1	Year 2		Year 3	Year 4		Year 5	Year 6
Units covered	Core skills: typing, communication,	E-Safety	E-Safet	у	E-Safety	E-Safety		E-Safety	E-Safety
	technology, control and data	Programming	Program	nming	Programming	Programming		Programming	Programming
	Online Safety: self- image, cyber bullying,	Animation	Digital /	Art	Presentations (App)	Presentations (D	ata)	Presentations (website)	Presentations (Keynote)
	stranger, reporting  Digital Creativity:	Data & Information	Data &	Information	Computer Networks	Computer Netwo	orks	Computer Networks	Computer Networks
	image, video, audio  Coding: computational	Creating Media	Photog	raphy	AR/VR (3D Design)	AR/VR (3d Desig	n)	Video Production	Sound (Podcast)
	thinking	Programming	Progran	mming	Programming	Programming		Programming	Programming
Key knowledge	Declarative knowledge - What Computer Science What is an algorithm? Information Technology What are applications? Digital Literacy Where can I get support if I need it?			Computer Scier How to write ar Information Te Create my own Digital Literacy	ter Science Composition I can			ditional knowledge - when nputer Science n evaluate and change my algorithm rmation Technology n decide when I need to change the font on a entation tal Literacy ow when to speak to an adult	
Substantive Concepts	Computer Science - Coding/Programming - Computational thinking - Problem solving Information Technology - Using technology to demonstrate understanding - Use of multimedia to create digital artefacts Digital Literacy - Education for a Connected World (DfE 2020)								
SLP History Jo	urney (Progression in Kr	nowledge and Skills)							
	Early Years	Year 1	Year 2		Year 3	Year 4		Year 5	Year 6
Computer Science	I can explore technology.	Programming	Program	ıming	Programming I can create a program using a design	Programming - I can use repetition programs	on in	Programming	Programming I can use a range of sequence, selection

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	I can repeat an action	I can explain what a	I can describe a series	I can create a <b>sequence</b>	I can work with a	I can create programs by	and repetition
	with technology to	given command will	of instructions as a	of code	variety of inputs and	decomposing them into	commands to
	trigger a specific	do	sequence	I can work with a	outputs	smaller parts	implement my design
	outcome.	I can act out a given	I can explain what	variety of inputs and	I can use logical	I can use a variety of	I can identify the need
	I can recognise the	word	happens when I change	outputs	reasoning to	selection commands in	for, and work with,
	success or failure of an	I can plan a simple	the order of		systematically detect	programs	<u>variables</u>
	action. I can follow	program	instructions	Computer Networks	and correct errors in	I can use conditions in	I can create
	simple instructions to		I can use logical	I can identify input and	programs	<u>repetition</u> commands	procedures to hide
	control a digital device.	Data & Information	reasoning to predict the	output devices		Computer Networks	complexity in
	_	I can label objects	outcome of a program	I can explain how a	Computer Networks	I can explain that	programs
	I recognise that we	I can count objects		computer network can	I can describe how	computers can be	
	control computers. I	with the same	Data & Information	be used to share	networks physically	connected together to	Networks
	can input a short	properties	I can count and	information	connect to other	form systems	I can explain the
	sequence of	I can answer	compare objects using	I can explore how	networks	I can describe how	importance of
	instructions to control a	questions about	tally charts	digital devices can be	I can recognise how	search engines select	internet addresses
	device.	groups of objects	I can use pictograms to	connected	networked devices	results	I can recognise how
			answer simple		make up the internet	I can recognise why the	data is transferred
		Programming –	questions	Programming – Events	I can evaluate the	order of results is	across the internet
		quizzes	To select objects by	& Actions	consequences of	important, and to whom	I can explain how
		I can choose a	attribute and make	I can explain how a	unreliable content		sharing information
		command for a given	comparisons	sprite moves in an		Programming	online can help people
		purpose		existing project	Programming -	I can explain how	to work together
		I can show that a	Programming	I can adapt a program	Intelino Indi	selection is used in	
		series of commands	I can explain that a	to a new context	I can use	computer programs	Programming
		can be joined	sequence of commands	I can identify and fix	decomposition to help	I can explain that a	I can explain that
		together	has an outcome	bugs in a program	solve complex problems	conditional statement	selection can control
		I can explain that	I can create a program		I can use abstraction to	connects a condition to	the flow of a program
		each sprite has its	using a given design		help solve complex	an outcome	I can use an
		own instructions	I can make		problems	I can explain how	conditional statement
			improvements to my		I can identify suitable	selection directs the flow	to compare a variable
			design		commands to use when	of a program	to a value
					solving a problem.		I can develop a
							program to use inputs
							and outputs on a
							controllable device
Information	I can use technology to	Animation	Digital Art	Presentations	Data Handling	Presentation	Presentation
Technology	explore and access	I can explain what	I can describe the main	I can explain why we	I can explain that data	I can identify the key	I can decide what
	digital content.	animation is	features of different art	use prototypes	is collected to answer	features of a website.	information needs to
	I can operate a digital	I know that	types	I can identify the	questions	I can consider the	be shared with an
	device with support to	animations require		features of effective	I can interpret data that	ownership and use of	audience on screen
	fulfil a task.			apps	has been collected	images	
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	I can create simple	consistency and being	I can use an app to	I can design an app that	I can answer questions	I can create a webpage	I can record audio and
	digital content	careful	recreate pieces of	helps inform people	using data.	and embed media.	overlay this on a slide
	I can choose media to	I can plan and create	artwork				I can add in transitions
	convey information	my own animation.	I can make choice	AR/VR	AR/VR – 3D design		and animations to
			about what tools I use	I can explain the	I can explain how	Video Creation	make the presentation
		Creating Media	to design my own	difference between AR	AR/VR is used in the	I can capture video using	effective.
		I can identify and find	artwork.	and VR	world	a range of techniques	
		keys on a keyboard		I can explain that AR/VR	I can explain what jobs	I can identify when I	Sound
		I can type a sentence	Photography	can change how we see	may need or use these	need to reshoot or edit	I can explain what a
		using a variety of	I can use a digital device	the world	skills	my clips	podcast is and why
		keys.	to take photographs	I can select, combine	I can select appropriate	I can consider the impact	they are popular
		I can use the toolbar	I can describe what	and place shapes in a	tools needed to meet a	of choices made when	I can identify and
		to make changes	makes a good	workspace to create a	target audience	making and sharing	explain the key
		I can choose	photograph	simple design		videos	features
		appropriate tools to	I know what photos can				I can plan, produce
		make a picture	be changed				and edit my own
							podcast
Digital	I can use different	I can explain why	I can explain how	I can explain how my	I can explain how online	I can explain how	I can describe how
Literacy	digital devices.	things one person	information put online	online identity can be	identities can be based	identity online can be	others can influence
	I recognise that you can	finds funny or sad	about someone can last	different to the identity	on opinions and ideas.	copied, modified or	people's decisions and
	access content on a	online may not	for a long time.	I present in 'real life'.	I can describe how	altered	how they can be
	digital device.	always be seen in the	I can understand how	I can describe ways	people may behave	I can explain how to	encouraged to act in
	I can use a mouse,	same way by others.	other people may look	people who have	differently online.	respond to hurtful	different ways online.
	touchscreen or	I can recognise that	and act differently	similar likes and	I can describe how	messages online and	can describe
	appropriate access	there may be people	online and offline.	interests can get	others can find out	offer examples of how to	strategies for safe and
	device to target and	online who could	I can explain who I	together online.	information about me	get help.	fun experiences in a
	select options on	make someone feel	should ask before	I can explain how	by looking online	I can explain ways that	range of online social
	screen.	sad, embarrassed or	sharing things about	information put online	I can describe how to	some of the information	environments.
	I recognise a selection	upset.	myself or others online.	can last forever.	recognise online	about anyone online	I can explain the
	of digital devices.	If something happens	I know who to talk to if	I can describe	bullying and how to	could have been created,	importance of
	I recognise the basic	that makes me feel	something has been put	appropriate ways to	seek help.	copied or shared by	managing online
	parts of a computer,	sad, worried,	online without consent	behave towards other	I can explain how to	others	information and how
	e.g. mouse, screen,	uncomfortable or	or if it is incorrect	people online and why	check who owns	I can describe how	to create a positive
	keyboard.	frightened I can give	I can explain what	this is important.	photos, text and other	bullying online can be	online reputation.
	I can select a digital	examples of when	bullying is, how people	I can use key phrases in	content online.	different to bullying in	can identify strategies
	device to fulfil a specific	and how to speak to	may bully others and	search engines and	I can explain how	the physical world.	to respond to and
	task.	an adult I can trust	how bullying can make	explain what	spending too much	I can describe how to	report online bullying.
	I know to tell an	and how they can	someone feel.	autocomplete is.	time using technology	evaluate the reliability of	I can explain how
	appropriate adult if I	help.	I can explain why	I can explain how using	can impact my health	online sources of	search results are
	see something on the	I can give examples of	anyone who	technology can distract	and well-being	information	selected and ranked.
		when I should ask	2,2	me from other things I			
	]	Wilch i Should ask		The from other timigs i			

computer that upsets me	permission to do something online and explain why this is important.  I can use the internet with adult support to communicate with people I know I can describe what information I should not put online without asking a trusted adult first. I can describe how to behave online in ways that do not upset others a I know how to get help from a trusted adult if we see content that makes us feel sad, uncomfortable, worried or frightened and can give examples. I can explain rules to keep myself safe when using technology both in and beyond the home. I can explain how passwords are used to protect information, accounts and devices. I can recognise more detailed examples of information that is personal to someone	experiences bullying is not to blame I can talk about how anyone experiencing bullying can get help. I can explain simple guidance for using technology in different environments (Home and school) I can say how those rules can help anyone accessing online technologies I can use simple keywords in search engines I can demonstrate how to navigate a simple webpage to get information I need I can explain and give examples of what is meant by private and keeping things private I can describe and explain some rules for keeping personal information private	might do or should be doing. I can explain how passwords help protect information and accounts online. I can explain why work I create using technology belongs to me.	I can describe simple strategies for creating and keeping passwords private I can explain why it is important to only use work that I have permission to use.	I can identify different types of media and how they can influence people's feelings or behaviour. I can explain what to do if a password is shared or stolen I can explain how to credit the sources of materials I use online	I can describe some strategies to manage the impact of technology on health and well-being. I can describe ways to protect personal information and devices online. I can demonstrate how to make careful choices about what content I use and share online.
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		I can explain why it is					
		important to always					
		ask a trusted adult					
		before sharing any					
		personal information					
		'					
		online, belonging to					
	Fault Vaana	myself or others.	Year 2	Year 3	Van 4	Veer	Year 6
	Early Years	Year 1			Year 4	Year 5	
	Digital Literacy	Digital Literacy	Digital Literacy	Digital Literacy	Digital Literacy	Digital Literacy	Digital Literacy
Vocabulary	Safe	Internet	Online	Username	Privacy	Online reputation	Influence
	Help	Rules	Password	Password	Cyberbullying	Scam	Digital wellbeing
	Kind	Personal information	Trusted adult	Digital footprint	Block	Secure site	Manipulation
	Adult	Stranger	Report	Online identity	Filter	Bias	Misinformation
	Share (used carefully	Trust	Permission	Information	Profile	Credible source	Copyright
	in context)	Private	Information	Technology	Information	Information	Fair use
	Information	Information	Technology	Slide	Technology	Technology	Information
	Technology	Technology	Edit	Presentation	Spreadsheet	Database	Technology
	Computer	Mouse	Record	Format	Cell	Field	License
	Tablet	Keyboard	Image	Table	Formula	Record	Citation
	Screen	Icon	Sound	Chart	Data	Evaluate	Format
	Button	Save	Group	Computer Science	Router	Multimedia	Rank
	Camera	File	Sort	Loop	Browser	Slide transition	Search engine
	Click	Text	Pictogram	Predict	Computer Science	Computer Science	Media type
	Тар	Picture	Computer Science	Debug	Condition	Selection	Computer Science
	Туре	Туре	Sequence	Variable (introduced	Sensor	Function	Abstraction
	Computer Science	Computer Science	Command	simply)	Control	Input/output	Boolean
	Move	Algorithm	Repeat	Event	Algorithm	Efficiency	IP address
	Press	Instruction	Input		Sequence	Decompose	Algorithm
	Go	Forwards	Output			·	Variable
	Stop	Backwards	Program				Decomposition
	·	Turn					
		Debug					
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