

Lising To find out about To recognise and To use the kee	
Using TechnologyTo find out about technologyTo recognise and name a range of technology that is used in places such as homes and schoolsTo recognise some technology that is used in places such as homes and schoolsTo select and use technology for a particular purposeDo I know th is a wide rang technology for a particular purposeTo use technology appropriately through role-playTo access and use simple activities using to use keybo to type a simu username intigiven prograTo safely use technology b apring and piece of equi safelyTo safely use technology b opening and piece of equi safely	me etterabout control technology and new technologies and understand how to use themrange of technology and can describe how it works in a variety of different contextstaught to: Recognise common uses of information technology beyond schoolof aname of of aname of of of to select the appropriate program by finding and retrieval through the school networkTo select the appropriate piece of technology for a particular purpose and communicate thisTo use keyboard skills folder and retrieve itTo select the appropriate program of to type a simple a osing aTo use keyboard skills to type a simple username and programTo save work to a folder and retrieve it voriety of mediaTo save work to a to understand how to edit and copy information using a variety of mediaFace and technology technology beyond school



Computer	To make a beebot	To use a range of	To understand that	To begin to develop	To explore an on	Pupils should be
Science	move forwards and	control toys and	computers and	computational	screen object and	taught to:
Science	backwards	devices	technology can be	thinking by following	navigate it around a	Understand what
			used to represent and	instructions to move	course or grid and/or	algorithms are; how
	To follow positional	To make a beebot	model situations	around a course and	draw shapes by	they are
	language command	move forwards,		create a series of	inputting a sequence	implemented as
	instructions in small	backwards and	To explore outcomes	instructions for	of instructions	programs on digital
	world role-play	left/right	when individual	others to follow		devices; and that
	(forwards,		buttons are pressed		To begin to	programs execute by
	backwards, stop,	To use positional	on robots, such as	To continue to	understand that the	following precise and
	start)	language in role-play	beebots and combine	explore beebots,	on screen object can	unambiguous
		scenarios (forwards,	these together to	combining sequences	be directed through	instructions
		backwards, stop;	draw simple shapes	of instructions to	the use of text	
		start, under, over,	or follow a route or	follow a pattern or		Create and debug
		above, in-between)	instruction	create a shape	To enter information	simple programs and
					into a basic computer	use logical reasoning
				Do I know that	simulation, explore	to predict the
				commands affect	the effects of	behaviour of simple
				algorithms	changing the	programs
					variables in	
				To explore a	simulations, and	
				simulation to support	discuss the benefits	
				a given topic and talk	of using these	
				about what happens	simulations	
				and why		
					To discuss my use of	
				To talk about	simulations and	
				debugging	compare with reality	
				To correct errors in	Can understand and	
				an algorithm and	create an algorithm	
				'debug'		



						ASERY
				To talk about what coding means in computing To create a list of instructions for a daily routine	To create a simple computer program using simple algorithms To debug a simple algorithm To debug simple programs To predict what objects in programs will do based on their knowledge of what objects are capable of To plan and use algorithms in programs successfully to achieve a desired result	
Information Technology	To collect and discuss data as a class	To insert data into a pictogram, as a class To answer simple questions relating to the pictogram as a class	To enter information into a template to make a graph and pictogram To answer questions relating to a graph and pictogram	To enter information into a template to make a graph To answer questions relating to a graph To produce simple graphs using ICT	To present data in different ways To use a branching database to answer questions To amend teacher prepared graphs	Pupils should be taught to: Use technology purposefully to create, organise, store, manipulate and retrieve digital content



						RSERY
				To navigate around a spreadsheet		
Online Safety	To speak to an adult about what they have seen To ask a grown up before using a	To talk about what I am doing on a computer/ digital device To say if something I	Do I know how to act if I find inappropriate content online To understand that things sometimes	To begin to evaluate websites and know that not everything on the internet is true To recognise that the	To follow the school's safer internet rules To evaluate websites and know that not everything on the	Pupils should be taught to: Use technology safely and respectfully, keeping personal information private; identify
	digital device at school	find on the internet makes me feel bad To speak to an adult about what I have seen	happen on computers that are not my fault e.g. popups To understand not to feel guilty if something comes on	majority of technology devices have access to the internet To understand that some information is	internet is true To recognise that there are other people on the internet and this affects how they	where to go for help and support when they have concerns about content or contact on the internet or other technologies
		To follow the school's safer internet rules	the screen that makes me feel bad	personal and should not be shared online	should use it Do I know how to act	
		To say what I need to do if I am unsure when using a computer	To follow the school's safer internet rules To say what I need to	Do I know how to act if I find inappropriate content online	if I find inappropriate content online To tell a trusted adult	
		To talk about not sharing my passwords	do if I am unsure when using a computer	To follow the school's safer internet rules	if someone they do not know tries to contact them via the	
		To ask for permission to take a photograph of someone else	To talk about why I need to ask permission to take a photograph of someone	To begin to understand the term web address To email safely as a class	internet To understand that I should only open an email from someone they know	



						SERT
				To talk about the importance of not sharing personal information (i.e. passwords, name etc.)	To send and receive emails safely Do I understand why passwords should not be shared To use the internet safely for learning and communicating with others To recognise advertising on website and learn to ignore it	
Digital Literacy	To explore sounds on a device To understand that things can be recorded e.g. with cameras or tablets To use a digital device to take a photograph	To write my name using a keyboard on different devices To use a simple paint programme To understand the purpose of and experiment with hardware such as cameras, computers, iPad, voice recorders etc.	Do I recognise what an email address looks like To join in sending a class email To enter text using a keyboard To record a sound and play it back To use and name the use the space bar,	To send group email in a controlled environment and reply To draw on screen image Do I know how to use the simple functions of a tool bar To add images and clip art images	Am I aware that email is used beyond school To send an individual email in a controlled environment and reply To develop speed when typing and use a simple document with increasing control To word process work, changing the	Pupils should be taught to: use technology purposefully to create, organise, store, manipulate and retrieve digital content.



				SERI
	backspace and return key	To cut copy and paste onto a document	font, font size, and colour	
	To create an image relating to a topic covered in class and add a title	To capture & download images from a camera/device	To cut copy and paste an image, text box, word art and clipart onto a document	
		To record a video To record people's voices as a voice over To create basic presentations	To format text to refine and improve E.g., underline, italics, bold.	
		presentations	To produce an interactive presentation using a range of media E.g. slide transition/ sound effects etc.	