			Computing				
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
Nursery	Children will have access	I can explore moving toys and understand cause and effect Children will have access to moving toys that help them to develop an understanding of cause and effect.		I can use and operate simple technological devices in everyday life. Children will have access to simple technological devices including for the use of roleplay.		eo, photo ery with a small selection of apps.	
	Continuous Allow children the opportu	nity to explore technology in a child led		miliarity with simple elements, in preparat	· · · · · · · · · · · · · · · · · · ·		
Reception	Multimedia and inform	ation technology	Computer Science		Coding (BeeBots)		
	LQ: Can I take a photo or	video?	LQ: Can I instruct a prog	grammable toy?	LQ: Can I create a simple program?		
	Camera, press, take, record, find, video, photo		Forwards, backwards, g	o, stop, turn, change	Instructions, forwards, backwards, order, stop, go		
		ra, ima, viaco, prioto	I can describe position		I can use instructions to create a simple program		
	I can find the camera app		I can use controls to cau	se an effect control/button to cause an effect	I know that programs execute by following clear instructions		
	I can toggle between the photo and video options						
	I can take a photo		the resource following a	ccess to controllable resources and contro set of inductions.	E-Safety Safe, dangerous, private, unsafe	;	
	I can record a video	I can record a video			I know how to use technology safely and respectively		
	I can take a photo for a pu	rpose or as instructed			I know to keep my information		
	I can record a video for a purpose or as instructed				. ,	have concerns about content or	
	I can view photos and vide	eos in the camera roll			contact on the internet	have concerns about content of	
	Continuous Allow children the opportu	nity to explore technology in a child led	way so that they develop a fa	miliarity with simple elements, in preparat	on for a strong start in Kev Stage On	e.	
Year 1	Computer Science and E-Safety LQ: Can I create a simple program?		Multimedia and info		Handling Data		
			Multimedia		LQ: Can I use technology to collect information?		
	LQ: Can I debug a simple	LQ: Can I debug a simple program?		and retrieve digital content?	LQ: Can I use technology to sort different kinds of		
	LQ: Can I use technology safely and respectfully?		·	LQ: Can I download and take images? LQ: Can I edit an image with text and audio?			
	Algorithm, instructions, program, debug, execute, predict, information					LQ: Can I use technology to present different kinds of	
	I know what an algorithm is			capture, create, store, retrieve, text,	information?		
		I know how to debug a simple program		images		record, data, digitally, digital content, present, pictograph	
	I know that programs execute by following clear instructions		I can take and download images		I can contribute to and interpret a pictogram.		
	I know how to use technology safely and respectively		I can add text to an image		I can take photographs, video and record sound to record learni experiences.		
	I know to keep my information private		I can record my own voice to play back to an audience				
	. ,	elp if I have concerns about content or	I can record my own void		I can look at how data is represe	enting digitally.	

			I know to ask permission before taking a photo	I can talk about the different ways	s in which information can be
			I know where to go for help if I have concerns about content or contact on the internet	shown. I can use technology to collect in and sound.	formation, including photos, video
				I can sort different kinds of inform	•
		T		I can add information to a pictogr	
Year 2	Computer Science and E-Safety LQ: Can I create a simple program? LQ: Can I debug a simple program? LQ: Can I use technology safely and respectfully? Algorithm, instructions, program, debug, execute, predict, content, information I know what an algorithm is I know how to debug a simple program I know that programs execute by following clear instructions I know how to use technology safely and respectively I know to keep my information private I know where to go for help if I have concerns about content or contact on the internet	Multimedia LQ: Can I create, store and retrieve digital content? LQ: Can I download and take images? LQ: Can I edit an image with text and audio? Audio, download, take, capture, create, digital content, retrieve, text, images I can take and download images I can add text to an image I can record my own voice to play back to an audience I can save and retrieve content to show others I know to ask permission before taking a photo I know where to go for help if I have concerns about content or contact on the internet	Handling Data LQ: Can I use technology to collect information? LQ: Can I use technology to sort different kinds of information LQ: Can I use technology to present different kinds of information? Interpret, record, data, digitally, digital content, present, pictograph I can contribute to and interpret a pictogram. I can take photographs, video and record sound to record learning experiences. I can look at how data is representing digitally. I can talk about the different ways in which information can be shown. I can use technology to collect information, including photos, video and sound. I can sort different kinds of information and present it to others. I can add information to a pictograph and talk about it	Multimedia and information technology LQ: Can I use technology to present information? LQ: Can I create, store and retrieve digital content? LQ: Can I download and take images? LQ: Can I edit an image with text and audio? Audio, download, take, capture, create, store, digital content, retrieve, text, images I can take and download images I can add text to an image I can record my own voice to play back to an audience I can save and retrieve content to show others I know that some images are subject to copyright I know to ask permission before taking a photo	1:1 iPad basic skills LQ: Can I save and retrieve content? LQ: Can I mirror my iPad through Apple TV? LQ: Can I use technology safely and respectfully? Device, upload, download, retrieve, store, present, mirror I can use devices safely I can present my learning on Apple TV I know how to use technology safely and respectively I know to keep my information private I know where to go for help if I have concerns about content or contact on the internet
				I know where to go for help if I have concerns about content or contact on the internet	
Year 3	1:1 iPad basic skills	1:1 iPad basic skills	Computer Science (coding)	Information Technology	Multimedia
	LQ: Can I save and retrieve content? LQ: Can I mirror my iPad	LQ: Can I communicate through email?	LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal?	LQ: Can I describe how the internet works?	LQ: Can I present information using suitable software? (Keynote or other apps)
	through Apple TV? LQ: Can I use technology	LQ: Can I use search technologies effectively?	LQ: Can I use commands to sequence and show repetition in a program?	Internet network LIPI world	LQ: Can I collaborate with peers Media, download, collaborate,
	safely and respectfully?	LQ: Can I collaborate with peers?	LQ: Can I test a programme and debug problems?	Internet, network, URL, world wide web	font, size, insert, edit,
			Program, programming, command, sequence, algorithm, debug, detect, code, coding	I can explain how the internet works	
	-				

I can us I can sa I can pr Apple T I know h safely a I know t private I know w have co	e devices safely e devices safely we and retrieve content essent my learning on V now to use technology and respectively o keep my information	Q: Can I present information sing Keynote? end, receive, communication, ownload, upload, collaborate, ont, size, can receive and send emails can download and upload ttachments to emails can collaborate with others can use the key features of eynote	I can put programming command specific outcome. I can test a program and can recoll can use repeat commands. I can describe the algorithm need. I can detect a problem in an algor unsuccessful programming.	ed for a simple task.	I can explain how the internet helps use collaborate and communicate	I can use photos, video and sound to create an atmosphere when presenting to different audiences. I can explore new media confidently I can change the appearance of text to increase its effectiveness. I can create, modify and present documents for a particular purpose. I can use a keyboard confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate online.
Year 4 1:1 Lap	top basic skills M	lultimedia	Computer Science (coding)	Handling Data	Computer Science (coding)	Multimedia
my pers LQ: Car content' LQ: Car peers? LQ: Car safely a LQ: Car through LQ: Car technolo Microso downloa present, communi I can red I can do attachm I can co I can us Microso I can us understa	onal account? It is ave and retrieve It collaborate with It use technology and respectfully? It communicate email? It use search ogies effectively? If Teams, upload, ad, retrieve, store, cloud, collaborate, nication, send, receive It will be a collaborate, collaborate effectively? It is a collaborate, collaborate effective effective and send emails It will be a collaborate effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective effective and send emails It is a collaborate effective ef	Q: Can I present information sing suitable software? (Seynote, powerpoint, other pps) Q: Can I collaborate with eers? Idedia, download, collaborate, ont, size, insert, edit, modify can use photos, video and cound to create an atmosphere then presenting to different udiences. can explore new media confidently can change the appearance of exit to increase its ffectiveness. can create, modify and resent documents for a carticular purpose. can use a keyboard confidently and make use of a collected per control of the collection	LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal? LQ: Can I use commands to sequence and show repetition in a program? LQ: Can I test a programme and debug problems? LQ: Can I solve problems by decomposing programs into smaller parts? Program, programming, command, sequence, algorithm, debug, detect, code, coding, decompose I can put programming commands into a sequence to achieve a specific outcome. I can test a program and can recognise when it needs debugging I can use repeat commands. I can describe the algorithm needed for a simple task. I can detect a problem in an algorithm which could result in unsuccessful programming.	LQ: Can I collect data and information? LQ: Can I analyse and evaluate data? LQ: Can I present data and information? Organise, data, database, present I can organise data in different ways. I can collect data and identify where it could be inaccurate. I can plan, create and search a database to answer questions. I can choose the best way to present data to others.	LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal? LQ: Can I use commands to sequence and show repetition in a program? LQ: Can I test a programme and debug problems? LQ: Can I work with variables and different forms of input and output? I can put programming commands into a sequence to achieve a specific outcome. I can test a program and can recognise when it needs debugging I can use repeat commands. I can describe the algorithm needed for a simple task. I can detect a problem in an algorithm which could result in unsuccessful programming.	LQ: Can I present information using suitable software? (Keynote, powerpoint, other apps) LQ: Can I collaborate with peers? Media, download, collaborate, font, size, insert, edit, modify I can use photos, video and sound to create an atmosphere when presenting to different audiences. I can explore new media confidently I can change the appearance of text to increase its effectiveness. I can create, modify and present documents for a particular purpose. I can use a keyboard confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate online.

Vear 5 1:1 Laptop basic skills LiC. Can I accesse and to go ut of my personal account? If my personal account? If my personal account? If my personal account? If LiC. Can I collaborate with perso? If LiC. Can I collaborate with personal accounts of the personal	evaluating of I know how safely and r I know to ke private I know wher have concer contact on ti		I can debug a program through decomposing it into smaller parts.			
safely and respectively I know to keep my information private	LQ: Can I ac my persona LQ: Can I ac content? LQ: Can I ac peers? LQ: Can I ac safely and received through emails and received the communicat of the communication of the c	LQ: Can I present information using suitable software? (Keynote, PowerPoint, other apps/software) LQ: Can I collaborate with peers? Media, download, collaborate, font, size, insert, edit, modify respectfully? I can use photos, video and sound to create an atmospher when presenting to different audiences. I can explore new media confidently I can change the appearance text to increase its effectiveness. I can create, modify and present documents for a particular purpose. I can use a keyboard confidently and make use of a spellchecker to write and review work. I can use an appropriate tool share work and collaborate online.	LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal? LQ: Can I use commands to sequence and show repetition in a program? LQ: Can I test a programme and debug problems? LQ: Can I work with variables and different forms of input and output? Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable I can put programming commands into a sequence to achieve a specific outcome. I can test a program and can recognise when it needs debugging I can use repeat commands. I can describe the algorithm needed for a simple task. I can detect a problem in an algorithm which could result in	LQ: Can I collect data and information? LQ: Can I analyse and evaluate data? LQ: Can I present data and information? LQ: Can I search a database using different operators to refine my search? Organise, data, database, present, refine, search I can organise data in different ways. I can collect data and identify where it could be inaccurate. I can plan, create and search a database to answer questions. I can choose the best way to	LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal? LQ: Can I use commands to sequence and show repetition in a program? LQ: Can I test a programme and debug problems? LQ: Can I work with variables and different forms of input and output? Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable I can put programming commands into a sequence to achieve a specific outcome. I can test a program and can recognise when it needs debugging I can use repeat commands. I can describe the algorithm needed for a simple task. I can detect a problem in an algorithm which could result in	LQ: Can I present information using suitable software? (Keynote, PowerPoint, other apps/software) LQ: Can I collaborate with peers? Media, download, collaborate, font, size, insert, edit, modify I can use photos, video and sound to create an atmosphere when presenting to different audiences. I can explore new media confidently I can change the appearance of text to increase its effectiveness. I can create, modify and present documents for a particular purpose. I can use a keyboard confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate

Voor 6	1:1 Laptop basic skills	Multimedia	Computer Science (coding)	Handling Data	Multimedia	<u> </u>
Year 6	1:1 Laptop basic skills LQ: Can I access and log out of my personal account? LQ: Can I save and retrieve content? LQ: Can I collaborate with peers? LQ: Can I use technology safely and respectfully? LQ: Can I communicate through email? LQ: Can I use search technologies effectively? Microsoft Teams, upload, download, retrieve, store, present, cloud, collaborate, communication, send, receive I can receive and send emails I can download and upload attachments to emails	Multimedia LQ: Can I present information using suitable software? (Keynote, PowerPoint, other apps/software) LQ: Can I collaborate with peers? Media, download, collaborate, font, size, insert, edit I can use photos, video and sound to create an atmosphere when presenting to different audiences. I can explore new media confidently I can change the appearance of text to increase its effectiveness. I can create, modify and present documents for a particular purpose. I can use a keyboard	Computer Science (coding) LQ: Can I describe an algorithm needed for a simple task? LQ: Can I design and write a program to complete a goal? LQ: Can I use commands to sequence and show repetition in a program? LQ: Can I test a programme and debug problems? LQ: Can I work with variables and different forms of input and output? Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable I can put programming commands into a sequence to achieve a specific outcome. I can test a program and can recognise when it needs	Handling Data LQ: Can I collect data and information? LQ: Can I analyse and evaluate data? LQ: Can I present data and information? LQ: Can I search a database using different operators to refine my search? Organise, data, database, present, refine, operators, search I can organise data in different ways. I can collect data and identify where it could be inaccurate. I can plan, create and search a database to answer questions. I can choose the best way to present data to others.	Multimedia LQ: Can I present information using PowerPoint, other apps/software) LQ: Can I collaborate with peers? Media, download, collaborate, font, i I can use photos, video and sound to presenting to different audiences. I can explore new media confidently I can change the appearance of text I can create, modify and present doc I can use a keyboard confidently and write and review work. I can use an appropriate tool to sha	nsert, edit create an atmosphere when to increase its effectiveness. suments for a particular purpo
	I can collaborate with others I can use the key features of Microsoft Teams I can use search engines and understand how results are selected and ranked. I can be discerning when evaluating digital content I know how to use technology safely and respectively I know to keep my information private I know where to go for help if I have concerns about content or contact on the internet	confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate online.	debugging I can use repeat commands. I can describe the algorithm needed for a simple task. I can detect a problem in an algorithm which could result in unsuccessful programming.			