

	Computing					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	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.		Multimedia and information technology LQ: Can I take a photo or video? Camera, press, take, record, video, photo I can take a photo I can record a video iPads to be introduced into Nursery with a small selection of apps.	
	Continuous Allow children the opportunity to explore technology in a child led way so that they develop a familiarity with simple elements, in preparation for a strong start in Reception.					
Reception	Multimedia and information technology LQ: Can I take a photo or video? Camera, press, take, record, find, video, photo I can find the camera app I can toggle between the photo and video options I can take a photo I can record a video I can take a photo for a purpose or as instructed I can record a video for a purpose or as instructed I can view photos and videos in the camera roll		Computer Science LQ: Can I instruct a programmable toy? Forwards, backwards, go, stop, turn, change I can describe position I can use controls to cause an effect I can choose the correct control/button to cause an effect The children will have access to controllable resources and control the resource following a set of inductions.		Coding (BeeBots) LQ: Can I create a simple program? Instructions, forwards, backwards, order, stop, go I can use instructions to create a simple program I know that programs execute by following clear instructions E-Safety Safe, dangerous, private, unsafe I know how to use technology safely and respectfully 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	
	Continuous Allow children the opportunity to explore technology in a child led way so that they develop a familiarity with simple elements, in preparation for a strong start in Key Stage One.					
Year 1	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, 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 respectfully 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 and information technology 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, store, 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		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? 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.	

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

	<p>Device, upload, download, retrieve, store, present, mirror</p> <p>I can use devices safely</p> <p>I can save and retrieve content</p> <p>I can present my learning on Apple TV</p> <p>I know how to use technology safely and respectfully</p> <p>I know to keep my information private</p> <p>I know where to go for help if I have concerns about content or contact on the internet</p>	<p>LQ: Can I present information using Keynote?</p> <p>Send, receive, communication, download, upload, collaborate, font, size,</p> <p>I can receive and send emails</p> <p>I can download and upload attachments to emails</p> <p>I can collaborate with others</p> <p>I can use the key features of keynote</p>	<p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can test a program and can recognise when it needs debugging</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm needed for a simple task.</p> <p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>I can explain how the internet can provide multiple services</p> <p>I can explain how the internet helps use collaborate and communicate</p>	<p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>I can explore new media confidently</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can create, modify and present documents for a particular purpose.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review work.</p> <p>I can use an appropriate tool to share work and collaborate online.</p>	
Year 4	<p>1:1 Laptop basic skills</p> <p>LQ: Can I access and log out of my personal account?</p> <p>LQ: Can I save and retrieve content?</p> <p>LQ: Can I collaborate with peers?</p> <p>LQ: Can I use technology safely and respectfully?</p> <p>LQ: Can I communicate through email?</p> <p>LQ: Can I use search technologies effectively?</p> <p>Microsoft Teams, upload, download, retrieve, store, present, cloud, collaborate, communication, send, receive</p> <p>I can receive and send emails</p> <p>I can download and upload attachments to emails</p> <p>I can collaborate with others</p> <p>I can use the key features of Microsoft Teams</p> <p>I can use search engines and understand how results are selected and ranked.</p>	<p>Multimedia</p> <p>LQ: Can I present information using suitable software? (Keynote, powerpoint, other apps)</p> <p>LQ: Can I collaborate with peers?</p> <p>Media, download, collaborate, font, size, insert, edit, modify</p> <p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>I can explore new media confidently</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can create, modify and present documents for a particular purpose.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review work.</p> <p>I can use an appropriate tool to share work and collaborate online.</p>	<p>Computer Science (coding)</p> <p>LQ: Can I describe an algorithm needed for a simple task?</p> <p>LQ: Can I design and write a program to complete a goal?</p> <p>LQ: Can I use commands to sequence and show repetition in a program?</p> <p>LQ: Can I test a programme and debug problems?</p> <p>LQ: Can I solve problems by decomposing programs into smaller parts?</p> <p>Program, programming, command, sequence, algorithm, debug, detect, code, coding, decompose</p> <p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can test a program and can recognise when it needs debugging</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm needed for a simple task.</p> <p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>Handling Data</p> <p>LQ: Can I collect data and information?</p> <p>LQ: Can I analyse and evaluate data?</p> <p>LQ: Can I present data and information?</p> <p>Organise, data, database, present</p> <p>I can organise data in different ways.</p> <p>I can collect data and identify where it could be inaccurate.</p> <p>I can plan, create and search a database to answer questions.</p> <p>I can choose the best way to present data to others.</p>	<p>Computer Science (coding)</p> <p>LQ: Can I describe an algorithm needed for a simple task?</p> <p>LQ: Can I design and write a program to complete a goal?</p> <p>LQ: Can I use commands to sequence and show repetition in a program?</p> <p>LQ: Can I test a programme and debug problems?</p> <p>LQ: Can I work with variables and different forms of input and output?</p> <p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can test a program and can recognise when it needs debugging</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm needed for a simple task.</p> <p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>Multimedia</p> <p>LQ: Can I present information using suitable software? (Keynote, powerpoint, other apps)</p> <p>LQ: Can I collaborate with peers?</p> <p>Media, download, collaborate, font, size, insert, edit, modify</p> <p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>I can explore new media confidently</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can create, modify and present documents for a particular purpose.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review work.</p> <p>I can use an appropriate tool to share work and collaborate online.</p>

	<p>I can be discerning when evaluating digital content</p> <p>I know how to use technology safely and respectfully</p> <p>I know to keep my information private</p> <p>I know where to go for help if I have concerns about content or contact on the internet</p>		<p>I can debug a program through decomposing it into smaller parts.</p>			
Year 5	<p>1:1 Laptop basic skills</p> <p>LQ: Can I access and log out of my personal account?</p> <p>LQ: Can I save and retrieve content?</p> <p>LQ: Can I collaborate with peers?</p> <p>LQ: Can I use technology safely and respectfully?</p> <p>LQ: Can I communicate through email?</p> <p>LQ: Can I use search technologies effectively?</p> <p>Microsoft Teams, upload, download, retrieve, store, present, cloud, collaborate, communication, send, receive</p> <p>I can receive and send emails</p> <p>I can download and upload attachments to emails</p> <p>I can collaborate with others</p> <p>I can use the key features of Microsoft Teams</p> <p>I can use search engines and understand how results are selected and ranked.</p> <p>I can be discerning when evaluating digital content</p> <p>I know how to use technology safely and respectfully</p> <p>I know to keep my information private</p> <p>I know where to go for help if I have concerns about content or contact on the internet</p>	<p>Multimedia</p> <p>LQ: Can I present information using suitable software? (Keynote, PowerPoint, other apps/software)</p> <p>LQ: Can I collaborate with peers?</p> <p>Media, download, collaborate, font, size, insert, edit, modify</p> <p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>I can explore new media confidently</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can create, modify and present documents for a particular purpose.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review work.</p> <p>I can use an appropriate tool to share work and collaborate online.</p>	<p>Computer Science (coding)</p> <p>LQ: Can I describe an algorithm needed for a simple task?</p> <p>LQ: Can I design and write a program to complete a goal?</p> <p>LQ: Can I use commands to sequence and show repetition in a program?</p> <p>LQ: Can I test a programme and debug problems?</p> <p>LQ: Can I work with variables and different forms of input and output?</p> <p>Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable</p> <p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can test a program and can recognise when it needs debugging</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm needed for a simple task.</p> <p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>Handling Data</p> <p>LQ: Can I collect data and information?</p> <p>LQ: Can I analyse and evaluate data?</p> <p>LQ: Can I present data and information?</p> <p>LQ: Can I search a database using different operators to refine my search?</p> <p>Organise, data, database, present, refine, search</p> <p>I can organise data in different ways.</p> <p>I can collect data and identify where it could be inaccurate.</p> <p>I can plan, create and search a database to answer questions.</p> <p>I can choose the best way to present data to others.</p>	<p>Computer Science (coding)</p> <p>LQ: Can I describe an algorithm needed for a simple task?</p> <p>LQ: Can I design and write a program to complete a goal?</p> <p>LQ: Can I use commands to sequence and show repetition in a program?</p> <p>LQ: Can I test a programme and debug problems?</p> <p>LQ: Can I work with variables and different forms of input and output?</p> <p>Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable</p> <p>I can put programming commands into a sequence to achieve a specific outcome.</p> <p>I can test a program and can recognise when it needs debugging</p> <p>I can use repeat commands.</p> <p>I can describe the algorithm needed for a simple task.</p> <p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>Multimedia</p> <p>LQ: Can I present information using suitable software? (Keynote, PowerPoint, other apps/software)</p> <p>LQ: Can I collaborate with peers?</p> <p>Media, download, collaborate, font, size, insert, edit, modify</p> <p>I can use photos, video and sound to create an atmosphere when presenting to different audiences.</p> <p>I can explore new media confidently</p> <p>I can change the appearance of text to increase its effectiveness.</p> <p>I can create, modify and present documents for a particular purpose.</p> <p>I can use a keyboard confidently and make use of a spellchecker to write and review work.</p> <p>I can use an appropriate tool to share work and collaborate online.</p>

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 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 respectfully 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 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 confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate online.	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 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.	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 suitable software? (Keynote, PowerPoint, other apps/software) LQ: Can I collaborate with peers? Media, download, collaborate, font, 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 confidently and make use of a spellchecker to write and review work. I can use an appropriate tool to share work and collaborate online.	