

	Computing					
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>I can explore moving toys and understand cause and effect</p> <p>Children will have access to moving toys that help them to develop an understanding of cause and effect.</p>		<p>I can use and operate simple technological devices in everyday life.</p> <p>Children will have access to simple technological devices including for the use of roleplay.</p>		<p><b>Multimedia and information technology</b></p> <p>LQ: Can I take a photo or video?</p> <p>Camera, press, take, record, video, photo</p> <p>I can take a photo</p> <p>I can record a video</p> <p>iPads to be introduced into Nursery with a small selection of apps.</p>	
	<p><b>Continuous</b> 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.</p>					
Reception	<p><b>Multimedia and information technology</b></p> <p>LQ: Can I take a photo or video?</p> <p>Camera, press, take, record, find, video, photo</p> <p>I can find the camera app</p> <p>I can toggle between the photo and video options</p> <p>I can take a photo</p> <p>I can record a video</p> <p>I can take a photo for a purpose or as instructed</p> <p>I can record a video for a purpose or as instructed</p> <p>I can view photos and videos in the camera roll</p>		<p><b>Computer Science</b></p> <p>LQ: Can I instruct a programmable toy?</p> <p>Forwards, backwards, go, stop, turn, right, left, change</p> <p>I can describe position</p> <p>I can use controls to cause an effect</p> <p>I can choose the correct control/button to cause an effect</p> <p>The children will have access to controllable resources and control the resource following a set of inductions.</p>		<p><b>Coding (BeeBots)</b></p> <p>LQ: Can I create a simple program?</p> <p>Instructions, forwards, backwards, order, left, right, stop, go</p> <p>I can use instructions to create a simple program</p> <p>I know that programs execute by following clear instructions</p> <p><b>E-Safety</b></p> <p>Safe, dangerous, private, unsafe</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><b>Continuous</b> 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.</p>					
Year 1	<p><b>Computer Science and E-Safety</b></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, implement, logical, predict, information technology, 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><b>Multimedia and information technology</b></p> <p><b>Multimedia</b></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, copyright, 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><b>Handling Data</b></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><b>Continuous</b> 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.</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>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><b>Computer Science and E-Safety</b></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, implement, logical, predict, information technology, 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><b>Multimedia</b></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, copyright, 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><b>Handling Data</b></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, copyright, 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><b>1:1 iPad basic skills</b></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, Showbe, upload, download, retrieve, store, present, mirror</p> <p>I can use devices safely</p> <p>I can save and retrieve content on Showbe</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><b>1:1 iPad basic skills</b></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><b>1:1 iPad basic skills</b></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><b>Computer Science (coding)</b></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><b>Information Technology</b></p> <p><b>LQ: Can I describe how the internet works?</b></p> <p>LQ: Can I describe how Showbe works?</p> <p>Internet, network, URL, world, world wide web</p>	<p><b>Multimedia</b></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, italics, bold, insert, edit, modify</p>

	<p><b>Device, Showbe, upload, download, retrieve, store, present, mirror</b></p> <p>I can use devices safely</p> <p>I can save and retrieve content on Showbe</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><b>Send, receive, communication, download, upload, collaborate, font, size, italics, bold</b></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><b>I can put</b> 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 works</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 explain the features of Showbe and how to use it</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>	
<b>Year 4</b>	<p><b>1:1 Laptop basic skills</b></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><b>Microsoft Teams, upload, download, retrieve, store, present, cloud, collaborate, communication, send, receive</b></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><b>Multimedia</b></p> <p>LQ: Can I present information using suitable software? (Keynote, powerpoint, other apps)</p> <p>LQ: Can I collaborate with peers?</p> <p><b>Media, download, collaborate, font, size, italics, bold, insert, edit, modify</b></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><b>Computer Science (coding)</b></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><b>Program, programming, command, sequence, algorithm, debug, detect, code, coding, decompose</b></p> <p><b>I can put</b> 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><b>Handling Data</b></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><b>Organise, data, database, present</b></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><b>Computer Science (coding)</b></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><b>Program, programming, command, sequence, algorithm, debug, detect, code, coding, input, output, variable</b></p> <p><b>I can put</b> 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><b>Multimedia</b></p> <p>LQ: Can I present information using suitable software? (Keynote, powerpoint, other apps)</p> <p>LQ: Can I collaborate with peers?</p> <p><b>Media, download, collaborate, font, size, italics, bold, insert, edit, modify</b></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 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>I can use an appropriate tool to share work and collaborate online.</p>	<p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p> <p>I can debug a program through decomposing it into smaller parts.</p>		<p>I can detect a problem in an algorithm which could result in unsuccessful programming.</p>	<p>I can use an appropriate tool to share work and collaborate online.</p>
<b>Year 5</b>	<p><b>1:1 Laptop basic skills</b></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><b>Multimedia</b></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, italics, bold, 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><b>Computer Science (coding)</b></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><b>Handling Data</b></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, operators, 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><b>Computer Science (coding)</b></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><b>Multimedia</b></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, italics, bold, 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>

	I know where to go for help if I have concerns about content or contact on the internet				
<b>Year 6</b>	<p><b>1:1 Laptop basic skills</b></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><b>Multimedia</b></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, italics, bold, 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><b>Computer Science (coding)</b></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><b>Handling Data</b></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, operators, 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><b>Multimedia</b></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, italics, bold, 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>