



Computing

Summer Curriculum Overview

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Summer 1	<u>Beebots (Information Technology)</u> Use an input/output device Fix errors in an algorithm Understand the basic features of a Beebot Move a Beebot accurately to its chosen destination	<u>Creating Pictures Using 2 Paint (Information Technology)</u> Use 2Paint a Picture to create my own art based upon a style Combine more than one effect in a picture to enhance my patterns	<u>PowerPoint: Rainforests (Information Technology)</u> Create slides using design Create my own text boxes Add images and shapes to my PowerPoint Create a PowerPoint using transitions Move and delete slides Navigate through a slide show	<u>Word: Industrial Revolution (Information Technology)</u> Use different fonts and sizes Insert pictures and shapes into a document Choose a background colour Use a header and footer Copy and paste items into a document Print my document	<u>PowerPoint: Extreme Earth (Information Technology)</u> Create slides using design Create my own text boxes Add images and shapes to my PowerPoint Create a PowerPoint using transitions	<u>Word: Biographies (Information Technology)</u> Use different fonts and sizes Insert pictures and shapes into a document Choose a background colour Use a header and footer Copy and paste items into a document Print my document

Summer 2	<u>Animated Story Books (Information Technology)</u> Add pictures, edit text and save and open my e-book Use sounds, voice recordings, music and animations to my e-book Add a background to my page Use additional pages and animations to my story	<u>Creating Pictures Using 2 Paint (Information Technology)</u> Create my own art by repeating patterns in a variety of ways Use the eCollage function in 2Paint	<u>Word: Animal Fact file (Information Technology)</u> Use different fonts and sizes Insert pictures and shapes into a document Choose a background colour Use a header and footer Copy and paste items into a document Print my document	<u>Excel: Data for Birds (Information technology)</u> Insert data into cells Adjust column width and row height Use cell alignment (top, bottom, middle, left, centre and right) Use cell reference to complete calculations Insert and delete rows/columns and cells Sort data by columns Print a worksheet using print setting	<u>PowerPoint: Extreme Earth (Information Technology)</u> Add notes to my PowerPoint Create a PowerPoint using animations Add charts and graphs to my PowerPoint Add data from spreadsheets to my PowerPoint	<u>Micro:Bit/Tinkercad (Computer Science)</u> Write a program that displays an arrow to indicate cardinal compass directions with an 'On start' loading screen Identify errors (bugs) in the code and suggest ways to fix (debug) them Identify key industries that use 3D CAD modelling and why Recall and describe the name and use of key tools used in Tinkercad (CAD) software Combine more than one object to develop a finished 3D CAD model in Tinkercad
---------------------	---	---	--	--	---	--

Skills Taught All Year	<u>Pupil Login and Accessing Software</u>	<u>Pupil Login and Accessing Software</u>	<u>Pupil Login and Accessing Software</u>	<u>Pupil Login and Accessing Software</u>	<u>Pupil Login and Accessing Software</u>	<u>Pupil Login and Accessing Software</u>
	Turn on the iPad	Access the school network using my class username and password	Use my class username and password to login to the school network	Use my class username and password to login to the school network	Use my class username and password to login to the school network	Use my class username and password to login to the school network
	Use my own username and password to login to Purple Mash	Use my own username and password to login to Purple Mash	Use my own username and password to login to Purple Mash	Use my own username and password to login to Purple Mash	Use my own username and password to login to Purple Mash	Use my own username and password to login to Purple Mash
	Unlock an iPad using the home button	Use my own username and password to login to Numbots	Use my own username and password to login to TT Rock Stars	Use my own username and password to login to TT Rock Stars	Use my own username and password to login to TT Rock Stars	Use my own username and password to login to TT Rock Stars
	Find the app that I am using on the iPad	Select icons on the desktop by double clicking	Use my own username and password to login to Accelerated Reader	Use my own username and password to login to Accelerated Reader	Use my own username and password to login to Accelerated Reader	Use my own username and password to login to Accelerated Reader
		Use the start menu on Microsoft Windows	Save my work to the W:Drive folder	Save my work to the W:Drive folder	Save my work to the W:Drive folder	Save my work to the W:Drive folder
		Find the app that I need to use on the iPad	Open my files on the W:Drive folder	Open my files on the W:Drive folder	Open my files on the W:Drive folder	Open my files on the W:Drive folder
			<u>Internet Use:</u>	<u>Internet Use:</u>	<u>Internet Use:</u>	<u>Internet Use:</u>
			Use an appropriate search engine	Use an appropriate search engine	Use an appropriate search engine	Use an appropriate search engine
			Understand what to type into a search engine to get more accurate results	Understand what to type into a search engine to get more accurate results	Understand what to type into a search engine to get more accurate results	Understand what to type into a search engine to get more accurate results
			Understand which websites I need to use to get more accurate information	Understand which websites I need to use to get more accurate information	Understand which websites I need to use to get more accurate information	Understand which websites I need to use to get more accurate information

			Understand which websites I need to use to get more accurate information	Understand which websites I need to use to get more accurate information	Understand copyright and what information I am allowed to use Copy and paste items from a website into a document Save items from the Internet	Understand copyright and what information I am allowed to use Copy and paste items from a website into a document Save items from the Internet
--	--	--	---	---	---	---