

## **Computing**

## **Summer Curriculum Overview**

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Summer 1	Beebots (Information Technology)  Use an input/output device  Fix errors in an algorithm  Understand the basic features of a Beebot accurately to its chosen destination	Creating Pictures Using 2 Paint (Information Technology)  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	PowerPoint: Rainforests (Information Technology)  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	Word: Industrial Revolution (Information Technology)  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	PowerPoint: Extreme Earth (Information Technology)  Create slides using design  Create my own text boxes  Add images and shapes to my PowerPoint  Create a PowerPoint using transitions	Word: Biographies (Information Technology)  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	Animated Story	Creating Pictures	Word: Animal Fact	Excel: Data for	PowerPoint: Extreme	Micro:Bit/Tinkercad
2	Books (Information	Using 2 Paint	file (Information	Birds (Information	Earth	(Computer Science)
	Technology)	(Information	Technology)	technology)	(Information	-
		Technology)			Technology)	Write a program that
			Use different fonts	Insert data into cells		displays an arrow to
	Add pictures, edit	Create my own art by	and sizes		Add notes to my	indicate cardinal
	text and save and	repeating patterns in		Adjust column width	PowerPoint	compass directions
	open my e-book	a variety of ways	Insert pictures and	and row height		with an 'On start'
			shapes into a		Create a PowerPoint	loading screen
	Use sounds, voice	Use the eCollage	document	Use cell alignment	using animations	_
	recordings, music	function in 2Paint		(top, bottom, middle,	_	Identify errors (bugs)
	and animations to my		Choose a	left, centre and right)	Add charts and graphs	in the code and
	e-book		background colour		to my PowerPoint	suggest ways to fix
				Use cell reference to	-	(debug) them
	Add a background to		Use a header and	complete	Add data from	
	my page		footer	calculations	spreadsheets to my	Identify key industries
					PowerPoint	that use 3D CAD
	Use additional pages		Copy and paste	Insert and delete		modelling and why
	and animations to my		items into a	rows/columns and		
	story		document	cells		
	-					Recall and describe
			Print my document	Sort data by columns		the name and use of
						key tools used in
				Print a worksheet		Tinkercad (CAD)
				using print setting		software
						Combine more than
						one object to develop
						a finished 3D CAD
						model in Tinkercad

Skills	Pupil Login and	Pupil Login and	Pupil Login and	Pupil Login and	Pupil Login and	Pupil Login and
Taught	Accessing Software	Accessing Software	Accessing Software	Accessing Software	Accessing Software	Accessing Software
All Year	Turn on the iPad	Access the school	Use my class	Use my class	Use my class	Use my class
	Turri on the ir au	network using my	username and	username and	username and	username and
	Use my own	class username and	password to login to	password to login to	password to login to	password to login to
	username and	password	the school network	the school network	the school network	the school network
	password to login to	,				
	Purple Mash	Use my own	Use my own	Use my own	Use my own username	Use my own username
		username and	username and	username and	and password to login	and password to login
	Unlock an iPad using	password to login to	password to login to	password to login to	to Purple Mash	to Purple Mash
	the home button	Purple Mash	Purple Mash	Purple Mash	11.	
	Find the app that I	Use my own	Use my own	Use my own	Use my own username and password to login	Use my own username and password to login
	am using on the iPad	username and	username and	username and	to TT Rock Stars	to TT Rock Stars
	ani using on the ir au	password to login to	password to login to	password to login to	to 11 Nock Stars	to 11 Nock Stars
		Numbots	TT Rock Stars	TT Rock Stars	Use my own username	Use my own username
					and password to login	and password to login
		Select icons on the	Use my own	Use my own	to Accelerated Reader	to Accelerated Reader
		desktop by double	username and	username and		
		clicking	password to login to	password to login to	Save my work to the	Save my work to the
		11444	Accelerated Reader	Accelerated Reader	W:Drive folder	W:Drive folder
		Use the start menu on Microsoft	Save my work to the	Save my work to the	Open my files on the	Open my files on the
		Windows	W:Drive folder	W:Drive folder	W:Drive folder	W:Drive folder
		VVIIIdows	VV.DIIVE loidei	vv.Drive loidei	vv.Drive loidei	VV.DIIVE loidei
		Find the app that I	Open my files on the	Open my files on the	Internet Use:	Internet Use:
		need to use on the	W:Drive folder	W:Drive folder		
		iPad			Use an appropriate	Use an appropriate
			Internet Use:	Internet Use:	search engine	search engine
			Lloo on appropriate	Use an appropriate	Understand what to	Understand what to
			Use an appropriate search engine	search engine	type into a search	type into a search
			30aron engine	Scaron engine	engine to get more	engine to get more
			Understand what to	Understand what to	accurate results	accurate results
			type into a search	type into a search	Understand which	Understand which
			engine to get more	engine to get more	websites I need to use	websites I need to use
			accurate results	accurate results	to get more accurate	to get more accurate
					information	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	Understand copyright and what information I am allowed to use
			Copy and paste items from a website into a document	Copy and paste items from a website into a document
			Save items from the Internet	Save items from the Internet