



# Computing

## Summer Curriculum Overview

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



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



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



			<p>Use an appropriate search engine</p> <p>Understand what to type into a search engine to get more accurate results</p> <p>Understand which websites I need to use to get more accurate information</p>	<p>Use an appropriate search engine</p> <p>Understand what to type into a search engine to get more accurate results</p> <p>Understand which websites I need to use to get more accurate information</p>	<p>Understand what to type into a search engine to get more accurate results</p> <p>Understand which websites I need to use to get more accurate information</p> <p>Understand copyright and what information I am allowed to use</p> <p>Copy and paste items from a website into a document</p> <p>Save items from the Internet</p>	<p>Understand what to type into a search engine to get more accurate results</p> <p>Understand which websites I need to use to get more accurate information</p> <p>Understand copyright and what information I am allowed to use</p> <p>Copy and paste items from a website into a document</p> <p>Save items from the Internet</p>
--	--	--	--	--	--	--