

## Computing Long Term Plan

Year 1/2					
Cycle A					
Technology Around Us	Digital Photography	IT Around Us	Grouping Data	Pictograms	Digital Music
Desktops/ Chromebooks	Desktops	Desktops/ Chromebooks	Desktops/ Chromebooks	Desktops/ Chromebooks	Desktops/ Chromebooks
paintz.app	Microsoft Paint		PowerPoint/ Google Slides		Word/ Google Docs
Cycle B					
Moving a Robot	Digital Painting	Robot Algorithms	Programming Animations	Digital Writing	Programming Quizzes
Beebots	Desktops			Desktops/ Chromebooks	
	paintz.app / Microsoft Paint	Beebots		Google Docs/ Microsoft Word	

Year 3/4

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Cycle A	<p>Data and Information - Branching Databases (Y3)</p> <p>Desktops/ Chromebooks</p> <p>j2data Branch and Pictogram</p>	<p>Programming A – Repetition in Shapes (Y4)</p> <p>Desktops</p> <p>FMSLogo</p>	<p>Creating Media – Stop Frame Animation (Y3)</p>	<p>Creating Media – Audio Production (Y4)</p> <p>Desktops</p> <p>Audacity</p>	<p>Creating Media – Photo Editing (Y4)</p> <p>CC Perfect Pop Art</p> <p>Desktops</p> <p>PAINT.net</p>	<p>Data and Information – Data Logging (Y4)</p> <p>Desktops, data loggers</p> <p>Data logging software</p>
Cycle B	<p>Programming A – Sequencing Sounds (Y3)</p> <p>Desktops/ Chromebooks</p> <p>Scratch</p>	<p>Systems and Networks – Connecting Computers (Y3)</p> <p>Desktops</p> <p>Paint</p>	<p>Programming B – Events and Actions in Programs (Y3)</p> <p>Desktops/ Chromebooks</p> <p>Scratch</p>	<p>Computing Systems and Networks – The Internet (Y4)</p> <p>Desktops/ Chromebooks</p> <p>Chrome (browser)</p>	<p>Creating Media – Desktop Publishing (Y3)</p> <p>Desktops/ Chromebooks</p> <p>canva.com</p>	<p>Programming B - Repetition in Games (Y4)</p> <p>Desktops/ Chromebooks</p> <p>Scratch</p>

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Cycle A	<p>Creating Media – 3D Modelling (Y6)</p> <p>Desktops/ Chromebooks</p> <p>Tinkercad</p>	<p>Computer Systems and Networks - Systems and Searching (Y5)</p> <p>Desktops/ Chromebooks</p> <p>Google Slides</p>	<p>Creating Media - Video Production (Year 5)</p> <p>Desktops</p> <p>Microsoft Photos</p>	<p>Web Page Creation (Y6)</p> <p>Desktops/ Chromebooks</p> <p>Google Sites</p>	<p>Data and Information – Introduction to Spreadsheets (Y6)</p> <p>Desktops/ Chromebooks</p> <p>Google Sheets/ Microsoft Excel</p>	<p>Computer Systems and Networks – Communication and Collaboration (Y6)</p> <p>Desktops/ Chromebooks</p> <p>Google Slides</p>
Cycle B	<p>Data and Information – Flat File Databases</p> <p>Desktops/ Chromebooks</p> <p>j2data Database</p>	<p>Selection in Physical Computing (Y5)</p> <p>CC Toy Story (Fairgrounds)</p> <p>Desktops/ Chromebooks</p> <p>Google Slides</p>	<p>Selection in Quizzes (Y5)</p> <p>Desktops/ Chromebooks</p> <p>Scratch</p>	<p>Creating media – Introduction to vector graphics (Y5)</p> <p>Desktops</p> <p>Google Drawings</p>	<p>Variables in Games (Y6)</p> <p>Desktops/ Chromebooks</p> <p>Scratch</p>	<p>Sensing Movement (Y6)</p> <p>Desktops/ Chromebooks</p> <p>micro:bit, Microsoft MakeCode</p>

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