

## Computing Curriculum Map (2023-2024)

Year Group	Autumn Term	Spring Term	Summer Term
<b>Nursery</b>	<p>DEVELOPMENT MATTERS 0-3 YEARS</p> <ul style="list-style-type: none"> <li>Develop manipulation and control (PD)</li> <li>Explore different materials and tools (PD)</li> <li>Repeat actions that have an effect (UW)</li> </ul> <p>3-4 YEARS</p> <ul style="list-style-type: none"> <li>Explore how things work (UW)</li> </ul> <p>Tools used: cbeebies, Minimash, Paint program, Topmarks, PBSKids, Simple City. Cause and effect toys.</p>		<p>Skills taught during the year :</p> <p>To explore cause and effect toys –pressing buttons, lifting the flaps, turning knobs etc. To play a simple game on the IWB or I pad, with support. To use a paint program, selecting colours for effect. To know that information can be retrieved from a computer and use this as a tool for finding out answers or researching.</p>
<b>Reception</b>	<p>Mouse and track pad skills Keyboard skills</p>	<p>Drawing skills Robots sounds</p>	<p>Photography Technology around us Hardware Safety and privacy</p>
<b>Year 1</b>	<p><b>Topic Name: This is Me</b> <b>Unit 1:1 Online Safety and Exploring Purple Mash</b> Tools Used: Avator Creator, Paint Projects, Writing Templates, 2 Count, 2explore <b>Unit 1:2 Grouping and Sorting</b> Tools Used: 2Quiz <b>Unit 1:3 Pictogram</b> Tools Used: 2count, 2connect</p>	<p><b>Topic Name: Pirates and Heroes</b> <b>Unit 1:4 Lego Builders</b> Tools Used: 2Quiz, paint projects, writing templates. <b>Unit 1:5 Maze Explorers</b> Tools Used: 2Go <b>Unit 1:6 Animated Story Books</b> Tools Used: 2create a story and Text Ease</p>	<p><b>Topic Name: Changes</b> <b>Unit 1.7: Coding</b> Tools used: 2Code, construction Bots, unplugged activities, Barefoot teaching resources.  <b>Unit 1.8 Technology Outside School</b> Tools Used: Writing templates</p>
<b>Year 2</b>	<p><b>Topic Name: London</b> <b>Unit 2:2 Online Safety</b> Tools Used: Writing templates, display boards, 2respond (2email) <b>Unit 2:3 Spreadsheets</b> Tools used: 2calculate <b>Unit 2:4: Questioning</b> Tools Used: 2Questionm 2Investigate and 2Calculate</p>	<p><b>Topic Name: All around the world</b> <b>Unit 2:5 Effective Searching</b> Tools Used: Browser, 2Quiz, writing templates, Microsoft PowerPoint Word <b>Unit 2:7: Making Music</b> Tools Used: 2sequence</p>	<p><b>Topic Name: Seaside</b> <b>Unit 2:8: Presenting Ideas</b> Tools Used: 2connect (mind map), 2create a story, 2quiz and writing templates <b>Unit 2:1 Coding</b> Tools Used: Scratch Jnr, textease, daisy the dinosaur app, construction bots and 2code</p>
<b>Year 3</b>	<p><b>Topic Name: Stone Age</b> <b>Unit 3:1 Coding</b> Tools Used: 2Code, scratch jnr, apps on the Ipad e.g Alexander Robot App. <b>Unit 3:2 Online Safety</b> Tools Used: 2Connect (mind map) 2blog (blogging) writing templates and display boards <b>Unit 3:3 Spreadsheets</b> Tools Used: 2calculate</p>	<p><b>Topic Name: India</b> <b>Unit 3:4 Touch typing</b> Tools Used: 2Type <b>Unit 3:5 Email</b> Tools Used 2Email</p>	<p><b>Topic Name: Marvellous Machines</b> <b>Unit 3:6 Branching Databases</b> Tools Used: 2Question <b>Unit 3:7 Simulations</b> Tools Used 2Simulate, writing templates <b>Unit 3:8 Graphing</b> Tools Used: 2Graph, writing templates, 2Blog</p>

Year 4	<b>Topic Name: Groovy Greeks</b> <b>Unit 4:1 Coding</b> Tools Used: 2Code <b>Unit 4:7 effective searching</b> Tools Used: Browser, 2Quiz, 2Connect <b>Unit 4:5 Logo</b> Tools Used: Writing templates, 2Simulate, 2Connect (mind map) 2Publish Plus PowerPoint	<b>Topic Name: Volcanoes</b> <b>Unit 4:2 Online Safety</b> Tools Used: 2Connect (mind map) 2publish plus, display boards. <b>Unit 4.4 writing for different audiences</b> Tools used: writing templates <b>Unit 4:6 Animation</b> Tools Used: 2Animate, Green Screen app and software Imovie	<b>Topic Name: Endless Eating</b> <b>Unit 4:3 Spreadsheets</b> Tools Used: 2calculate <b>Unit 4:8 Hardware Investigators</b> Tools Used:2Quiz, 2Connect (mind map) writing templates.
Year 5	<b>Topic Name: Tutors</b> <b>Unit 5:1: Coding</b> Tools Used: 2code Scratch, Kodu <b>Unit 5:2 Online Safety</b> Tools Used: 2publish plus, Writing Template, Display boards, 2connect (mind map) <b>Unit 5:4 Databases</b> Tools Used 2Investigate (database) Avatar creator	<b>Topic Name: Star Wars</b> <b>Unit 5:5 Game Creator</b> Tools Used: 2DIY 3D, Writing Templates, 2Blog <b>Unit 5:6 3D Modelling</b> Tools Used: 2Connect	<b>Topic Name: Endless Ocean</b> <b>Unit 5:3 Spreadsheets</b> Tools used: Excel, 2calculate <b>Unit 5:7 concept maps</b> Tools used 2Connect
Year 6	<b>Topic Name: Saxons and Vikings</b> <b>Unit 6:1 Coding</b> Tools Used: 2code, Scratch, Kodu <b>Unit 6:2 Online Safety</b> Tools Used: 2DIY 3D, 2code, 2blog <b>Unit 6:4 Blogging</b> Tools used:2blog	<b>Topic Name: World War 2</b> <b>Unit 6:7: Quizzing</b> Tools Used: 2Quiz, 2DIY, Text toolkit, 2investigate (database) <b>Unit 6:5 Text adventures</b> Tools Used: 2code, 2connect, 2create a story, writing templates	<b>Topic Name : Mexico</b> <b>Unit 6:3 Spreadsheets</b> Tools Used: 2Calculate, Excel <b>Unit 6:6 Networks</b> Tools Used: 2connect, writing template and word.
Apollo	<b>EYFS</b> <b>PSED-Self regulation-</b> Drawing facial expressions for Zones of Regulation <b>Maths- Position and direction-</b> moving the characters round the paths <b>Computing skills-</b> Arrow keys	<b>EYFS</b> <b>Online Safety</b> <b>Mouse and track pad skills</b> <b>Beebots</b>	<b>EYFS</b> <b>Typing</b> <b>Photography</b>
Galaxy	Spreadsheets (4) Touch typing (2)  Touch typing (2) Simulations (3)	Email (5) Email (1) Online safety (3)	Presenting (6) Graphing (1) Graphing (1) Coding (6)  <b>NB Computing – branching databases missing</b>