

# Computing

## Key Vocabulary Progression



|                                    | EYFS  | Year 1   | Year 2   | Year 3  | Year 4   | Year 5   | Year 6  |
|------------------------------------|---|--|--|---|--|--|---|
| Digital Literacy/<br>Online Safety | <b>Online Safety</b> <ul style="list-style-type: none"> <li>stranger</li> <li>permission</li> </ul>   | Words from prior year groups plus:   |  |   |  |  |   |
|                                    |   | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Log in</li> <li>Username</li> <li>Password</li> <li>Avatar</li> <li>Log out</li> <li>Save</li> <li>Notification</li> </ul> <b>Technology outside school</b> <ul style="list-style-type: none"> <li>Technology</li> </ul> | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Search</li> <li>Display Board</li> <li>Internet</li> <li>Sharing</li> <li>Email</li> <li>Attachment</li> <li>Digital Footprint</li> </ul> <b>Effective Searching</b> <ul style="list-style-type: none"> <li>Internet</li> <li>Search</li> <li>Search Engine</li> </ul> | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Blog</li> <li>Concept map</li> <li>Website</li> <li>Webpage</li> <li>Spoof Website</li> <li>PEGI Rating</li> </ul> <b>Sending Emails</b> <ul style="list-style-type: none"> <li>Communication</li> <li>Email</li> <li>Compose</li> <li>Send</li> <li>CC</li> <li>Attachment</li> <li>Formatting</li> <li>Draft</li> </ul> | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Computer Virus</li> <li>Cookies</li> <li>Copyright</li> <li>Identify thief</li> <li>Malware</li> <li>Phishing</li> <li>Plagiarism</li> <li>Spam</li> </ul> | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Online Safety</li> <li>Smart Rules</li> <li>Reputable</li> <li>Encryption</li> <li>Shared Image</li> <li>Citations</li> <li>Reference</li> <li>Bibliography</li> </ul> | <b>Online Safety</b> <ul style="list-style-type: none"> <li>Screen Time</li> </ul>  |
| Information Technology             | <ul style="list-style-type: none"> <li>mouse</li> <li>screen</li> <li>keyboard</li> <li>computer</li> <li>tablet</li> <li>letters</li> <li>numbers</li> </ul> | <b>Pictograms</b> <ul style="list-style-type: none"> <li>Pictogram</li> <li>Data</li> <li>Collate</li> </ul> <b>Animated Stories</b> <ul style="list-style-type: none"> <li>Animation</li> </ul>   | <b>Making Music</b> <ul style="list-style-type: none"> <li>BPM</li> <li>Composition</li> <li>Digitally</li> <li>Music</li> <li>Sound Effects</li> </ul>  | <b>Touch Typing</b> <ul style="list-style-type: none"> <li>Posture</li> <li>Top row keys</li> <li>Home row keys</li> <li>Bottom row keys</li> </ul>   | <b>Spreadsheets</b> <ul style="list-style-type: none"> <li>Charts</li> <li>Formula</li> <li>Formula Wizard</li> <li>Random Tool</li> </ul>   | <b>Modelling</b> <ul style="list-style-type: none"> <li>CAD</li> <li>Modelling</li> <li>Viewpoint</li> <li>Template</li> </ul> <b>Word Processing</b>  | <b>Spreadsheets</b> <ul style="list-style-type: none"> <li>Average</li> <li>Advance Mode</li> <li>Dice</li> </ul> <b>Quizzing</b> |

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|-------------------------|---|--|--|--|--|--|---|
|                         | <ul style="list-style-type: none"> <li>• arrow</li> </ul> | <ul style="list-style-type: none"> <li>• File</li> <li>• E-Book</li> <li>• Font</li> <li>• Sound effect</li> <li>• Display Board</li> </ul> <p><b>Spreadsheets</b></p> <ul style="list-style-type: none"> <li>• Backspace</li> <li>• Cursor</li> <li>• Cells</li> <li>• Columns</li> <li>• Clip art</li> <li>• Count Tool</li> <li>• Speak Tool</li> <li>• Move Cell Tool</li> <li>• Delete Key</li> <li>• Rows</li> <li>• Image Toolbox</li> <li>• Spreadsheet</li> </ul> | <ul style="list-style-type: none"> <li>• Soundtrack</li> <li>• Tempo</li> <li>• Volume</li> </ul> <p><b>Creating Pictures</b></p> <ul style="list-style-type: none"> <li>• Pallet</li> <li>• Template</li> </ul> <p><b>Questioning</b></p> <ul style="list-style-type: none"> <li>• Question</li> <li>• Data</li> <li>• Binary Tree</li> <li>• Database</li> </ul> <p><b>Presenting Ideas</b></p> <ul style="list-style-type: none"> <li>• Presentation</li> <li>• Node</li> </ul> <p><b>Spreadsheets</b></p> <ul style="list-style-type: none"> <li>• Copy and Paste</li> <li>• Equals Tool</li> <li>• Lock Tool</li> </ul> | <ul style="list-style-type: none"> <li>• Space bar</li> </ul> <p><b>Spreadsheets</b></p> <ul style="list-style-type: none"> <li>• Advanced mode</li> <li>• Spin tool</li> </ul> <p><b>Branching Databases</b></p> <ul style="list-style-type: none"> <li>• Branching database</li> <li>• Question</li> <li>• Data</li> <li>• Database</li> </ul> <p><b>PowerPoint</b></p> <ul style="list-style-type: none"> <li>• Animation</li> <li>• Audio</li> <li>• Presentation</li> <li>• Slide</li> <li>• Transition</li> <li>• Slideshow</li> </ul> | <p><b>Animation</b></p> <ul style="list-style-type: none"> <li>• Flipbook</li> <li>• Onion Skinning</li> <li>• Play</li> <li>• Sound</li> <li>• Stop Motion</li> <li>• Video Clip</li> </ul> <p><b>Effective Searching</b></p> <ul style="list-style-type: none"> <li>• Easter Egg</li> <li>• Internet Browser</li> </ul> <p><b>Making Music</b></p> <ul style="list-style-type: none"> <li>• Pitch</li> <li>• Melody</li> <li>• Rhythm</li> <li>• Dynamics</li> <li>• Rippler</li> <li>• Pulse</li> </ul> | <ul style="list-style-type: none"> <li>• Copyright</li> <li>• Text Formatting</li> <li>• Cursor</li> <li>• Merge Cells</li> <li>• Document</li> <li>• Font</li> </ul> <p><b>Databases</b></p> <ul style="list-style-type: none"> <li>• Charts</li> <li>• Collaborative</li> <li>• Find</li> <li>• Record</li> <li>• Sort, Group and Arrange</li> <li>• Statistics and Reports</li> <li>• Table</li> </ul> <p><b>Spreadsheets</b></p> <ul style="list-style-type: none"> <li>• Charts</li> <li>• Timer</li> </ul> | <ul style="list-style-type: none"> <li>• Audience</li> <li>• Collaboration</li> </ul>   |
| <p>Computer Science</p> |   | <p><b>Grouping and Sorting</b></p> <ul style="list-style-type: none"> <li>• Sort</li> <li>• Criteria</li> </ul> <p><b>Lego Builders</b></p> <ul style="list-style-type: none"> <li>• Instruction</li> <li>• Algorithm</li> <li>• Program</li> <li>• Debug</li> </ul> <p><b>Maze Explores</b></p> <ul style="list-style-type: none"> <li>• Undo</li> <li>• Instruction</li> <li>• Algorithm</li> </ul>  | <p><b>Coding</b></p> <ul style="list-style-type: none"> <li>• Bug</li> <li>• Repeat</li> <li>• Timer</li> <li>• Object</li> <li>• Program</li> </ul>   | <p><b>Coding</b></p> <ul style="list-style-type: none"> <li>• Event</li> <li>• Computer Simulation</li> <li>• Control</li> <li>• If</li> </ul>   | <p><b>Hardware Investigators</b></p> <ul style="list-style-type: none"> <li>• Mother board</li> <li>• CPU</li> <li>• RAM</li> <li>• Graphics Card</li> <li>• Network Card</li> </ul> <p><b>Logo</b></p> <ul style="list-style-type: none"> <li>• LOGO</li> <li>• BK</li> <li>• FD</li> </ul>   | <p><b>Game Creator</b></p> <ul style="list-style-type: none"> <li>• Animation</li> <li>• Computer Game</li> <li>• Customise</li> <li>• Evaluation</li> <li>• Image</li> <li>• Interactive</li> <li>• Perspective</li> <li>• Playability</li> <li>• Screenshot</li> <li>• Texture</li> </ul> <p><b>Coding</b></p> <ul style="list-style-type: none"> <li>• If/Else</li> </ul>   | <p><b>Networks</b></p> <ul style="list-style-type: none"> <li>• World Wide Web</li> <li>• Network</li> <li>• Router</li> <li>• Local Area Network (LAN)</li> <li>• Wide Area Network (WAN)</li> <li>• Wireless</li> </ul> <p><b>Binary</b></p> <ul style="list-style-type: none"> <li>• Base10</li> </ul> |

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|--|--|--|--|--|--|--|---|
|  |  | <p><b><u>Coding</u></b></p> <ul style="list-style-type: none"> <li>• Action</li> <li>• Code Block</li> <li>• Code Design</li> <li>• Coder</li> <li>• Coding</li> <li>• Command</li> <li>• Collison Detection</li> <li>• Design Mode</li> <li>• Input</li> <li>• Scale</li> </ul> |  |  | <ul style="list-style-type: none"> <li>• RT</li> <li>• LT</li> <li>• SETPC</li> <li>• SETPS</li> <li>• PU</li> <li>• PD</li> </ul> <p><b><u>Coding</u></b></p> <ul style="list-style-type: none"> <li>• Alert</li> <li>• Input</li> <li>• Output</li> <li>• Selection</li> <li>• Variable</li> </ul> | <ul style="list-style-type: none"> <li>• Sequence</li> </ul> | <ul style="list-style-type: none"> <li>• Base 2</li> <li>• Binary</li> <li>• Bit</li> <li>• Byte</li> <li>• Gigabyte (GB)</li> <li>• Kilobyte (KB)</li> <li>• Machine Code</li> <li>• Megabyte (MB)</li> <li>• Nibble</li> <li>• Terabyte (TB)</li> <li>• Transistor</li> </ul> <p><b><u>Coding</u></b></p> <ul style="list-style-type: none"> <li>• Background</li> <li>• Decompositi on</li> <li>• Developer</li> <li>• Flowchart</li> <li>• Nesting</li> <li>• Called</li> <li>• Procedure</li> </ul> <p><b><u>Text Adventuress</u></b></p> <ul style="list-style-type: none"> <li>• Function</li> <li>• Sprite</li> </ul> |
|--|--|--|--|--|--|--|---|