

Vocabulary Progression

Computing Vocabulary Progression

| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---------------|---|---|--|--|--|---|
| Online Safety | Login password private avatar typing log out | search internet sharing email personal information private information digital footprint filter protection reply | password personal information blog permission vlogs appropriate Internet website spoof verify reputable source Inappropriate Permission | report SMART rules Spam attachment phishing digital footprint Internet website spoof verify reputable source report SMART rules Spam attachment phishing digital footprint malware software virus AdFly ransomware cookies plagiarism watermark citation copyright collaborate data analysis virus watermark | Appropriate Avatar responsibility SMART rules encrypt critical thinking image manipulation avatar citation validity bibliography copyright creative commons licence communication critical thinking Digital Footprint Malware Phishing PEGI Ratings Password Personal Information Plagiarism Reference Reliability Screenshot | secure websites location sharing spoof websites phishing password PEGI digital footprint inappropriate print screen screen time data analysis |

Vocabulary Progression

| | | | | | | |
|--------|--|--|---|--|---|--|
| | | | | | | |
| Coding | Action Algorithm Background Coding Code Debug Command Debug Event Execute Instruction Plan Object Programmer Run Output properties | Object Predict Properties Run Scale Scene Sequence Sound Test Text Timer | background button object properties code block predict event debugging action timer sequence nested repeat input command button right-angle degrees Nesting test debug actions object type alert | background button object properties code block predict event debugging action selection if statement decision command coordinate flowchart repeat until if/else statement inputs execute variable number variable alert prompt algorithm debug/debugging design nest run value | event key press collision object action variable selection coordinates simplify efficient computer generated variable simulation physical system algorithm properties decomposition abstraction friction function predict string variables values tabs text variable collision when key random output | algorithm action output selection variables repeat timer launch command debug alert string x and y properties coordinates decomposition object event algorithm action output selection variables repeat timer launch command debug alert string x and y properties coordinates decomposition object event |

Vocabulary Progression

| | | | | | | |
|--------------|---|--|--|--|--|--|
| | | | | | concatenation print to screen tabs action | function turtle object text object execute function call tabs input concatenation text adventure |
| Spreadsheets | Button Calculations Cell Clipart Column Data Delete Image Lock cell Move cell Row Select Spreadsheet Value | Addition Block graph Cell Coins Column Copy Cut data Drag Equals Label Paste Price Row Table Total Tool box | pie chart data table bar graph Spinner tool More than, less than & equal tool advanced mode cell address Quiz tool equals Pie Chart | formula wizard percentages decimal place format cell average equal tool random number tool spinner tool timer line graph data chart resize budget totals calculations place value 'is equals to' tool set image | formula formulae conversion advanced mode copy and paste advanced mode 'How many?' tool Variable perimeter area modelling text variables cell format totalling tool budget profit | count tool dice tool chart Formula wizard computational model percentage format move tool budget Advanced mode profit expenses profit expenses formula formulae calculation formula bar series |
| Graphing | | | graph chart | | | |

Vocabulary Progression

| | | | | | | |
|------------------------|--|--|---|--|--|--|
| | | | <p>title sort axis data row column investigation tally chart survey</p> | | | |
| Presenting information | | <p>Presenting Ideas E-Book Fact File Fiction Mind Map Multiple Choice Node Non-Fiction Presentation Quiz</p> | <p>Presenting information textbox presentation font formatting WordArt media slide editing audio video animation transition preview sound effect duration timing review media slide editing video</p> | | | |

Vocabulary Progression

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|----------------------|--|--|--|--|--|--|
| | | | | | | |
| Grouping and Sorting | Criteria Sort Groups Algorithm | | | | | |
| Pictograms | Collect Data Compare Data Pictogram Record Results Title | | | | | |
| Lego Builders | Algorithm Code Computer Instructions Debugging Program | | | | | |
| Maze Explorers | Algorithm Challenge Direction Route Command Left and Right Instruction Undo Unit | | | | | |
| Animated Story Books | Animation Edit clip art Background Font Sound Sound effect text | | | | | |

Vocabulary Progression

| Technology out of school | Computer Technology | | | | | |
|--------------------------|---------------------|---|--|---|--|--|
| Questioning | | Avatar Binary Tree Data Database Field Information Pictogram Question Record Search Sort | | | | |
| Effective Searching | | Browser Device Domain Digital Footprint Domain Internet Network URL Web Page Web Address Web Site World Wide Web | | Balanced view Easter eggs Internet Key words Reliability Results page Search engine | | |
| Creating Pictures | | Art Clip Art Diagonal | | | | |

Vocabulary Progression

| | | | | | | |
|------------------|--|---|--|---|--|--|
| | | <p>Dillute Collage Fill Horizontal Impressionism Line Parallel Palette Pointillism Rotated Repeated Pattern Stamps Style Surrealism Symmetry Vertical</p> | | | | |
| Making Music | | <p>Bars Beat Compose Note Time Repeat Sound Effect Sound Track Speed Tempo Volume</p> | | <p>BPM Dynamics Harmonious Pitch Melody Pulse Rhythm Tempo Texture Synths</p> | | |
| Presenting Ideas | | <p>E-Book Fact File Fiction Mind Map Multiple Choice</p> | | | | |

Vocabulary Progression

| | | | | | | |
|-------------------------------------|--|---|--|--|---|--|
| | | Node Non-Fiction Presentation Quiz | | | | |
| Touch Typing | | | Keys Posture Spacebar Typing | | | |
| Email | | | Address Book Attachment BCC CC Carbon Copy Communication Compose Email Inbox Link Mind Mapping Node Password Personal Information Save to draft Trusted Context | | | |
| Branching Databases Databases | | | Binary Tree Branching Database Data Database Debugging | | Arrange Avatar Chart Collaborative Data Database Database Repot Field Group Record | |

Vocabulary Progression

| | | | | | | |
|---------------------------------|--|--|---|---|------------------------------|--|
| | | | | | Search Sort Statistics | |
| Simulations | | | Advantages Analysis Decision Disadvantages Evaluation Modelling Point of View Realistic Simulation Solution Unrealistic | | | |
| Writing for different audiences | | | | Campaign Format Font Genre Opinion Reporter Viewpoint | | |
| Logo | | | | Debugging Grid Logo Logo Commands Multi Line Mode Pen Down Prediction Procedure Repeat Run Speed SETPC (colour) SETPS (thickness of pen) | | |

Vocabulary Progression

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| Animation | | | | Animation FPS Frame Onion Skinning Pause Stop Motion | | |
| Hardware Investigators | | | | Components CPU Graphics Card Hard Drive Hardware Input Motherboard Network Card Output Peripherals RAM Software | | |
| Artificial Intelligence | | | | Artificial Intelligence Algorithm Data | | |
| Concept Maps | | | | | Concept Concept Map Connection Collaborate Heading Sub-Heading Node Presentation Mode Story Mode | |
| Word Processing | | | | | Attributing | |

Vocabulary Progression

| | | | | | | |
|--|--|--|--|--|---|--|
| | | | | | <ul style="list-style-type: none"> Bulleted Lists Breaks Caps Lock Captions Column (Table) Column (Newspaper) Copy and Paste Copyright Creative Commons Cropping Cursor Distributing Columns Document Editor Options Font Front Screen Grammar Check Hyperlink Image Editing Merge cells Numbered Lists Page Orientation Spell Check Styles Template Text Box Word Art Word Processing Tool Zoom | |
|--|--|--|--|--|---|--|

Vocabulary Progression

| | | | | | | |
|------------------------|--|--|--|--|--|--|
| <p>Blogging</p> | | | | | | <p>Approval Archive Blog Blog Post Collaborate Commenting Connections Nodes Vlog</p> |
| <p>Text Adventures</p> | | | | | | <p>Debug Flow of Control Function Link QR Code Repeat Selection Sprite Step Through Text Adventure Variables</p> |
| <p>Networks</p> | | | | | | <p>Data DNS Ethernet Hosting Hub/Switch Internet IP Address ISP LAN Network Router Search engine WAN</p> |

Vocabulary Progression

| | | | | | | |
|----------|--|--|--|--|--|---|
| | | | | | | Web Page Web server Website WLAN Wi-Fi World Wide Web |
| Quizzing | | | | | | Audience Audio Case Sensitive Clip Art Clone Cloze Copy/Paste Database Database Record Database Field Image Image Filter Selfie Statistics Undo/Redo Preview Quiz |
| Binary | | | | | | Binary Bit Decimal Digit Integer Microprocessor |

Vocabulary Progression

| | | | | | | |
|----------------------------|--|--|--|--|--|--|
| | | | | | | Nanotechnology Nibble/Byte/Kilbyte/Megabyte/ Gigabyte/Tetrabyte Switch Transistor Variable Value |
| Spreadsheets with Excel | | | | | | Auto fit Average Budget Calculation Cell Cell Reference Chart Column Currency Data Delimiter Expense Filter Flash fill Formatting Formula Formula Bar Graph Vertical and Horizontal Axis Maximum Minimum Profit Range Row Series Sheet Sorting |

Vocabulary Progression

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|--|--|--|--|--|--|--|
| | | | | | | Spreadsheet Template Text wrapping Workbook |
|--|--|--|--|--|--|--|