

**Teach Computing Vocabulary Progression**

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Computing Systems and Networks	Technology Computer Mouse/trackpad Keyboard Screen Click Drag Draw Double-click Input device Shift Space bar Capital letter Full stop	Information Technology (IT) Computer Barcode Scanner/scan	Digital device Input Output Process Program Connection Network Network switch Server Wireless Access Point (WAP)	Internet Network Router Security Network switch Server Wireless Access Point (WAP) Router Website Web page Web address Router Routing Route tracing Browser World Wide Web Content Links Files Download Sharing Ownership Permission Information Accurate Honest Adverts	System Connection Digital Input Process Output Protocol Address Packet Chat Slide deck Reuse Remix Collaboration	Search engine Google DuckDuckGo Index Crawler Bot Ranking Search engine optimisation Links Web crawlers Content creator Selection Internet One-way Two-way One-to-one One-to-many SMS Email WhatsApp Blog YouTube Twitter

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<b>Creating Media</b>	A: Tool Paintbrush Erase Fill Undo Shape tools Line tool Brush style Brush size B: Word processor Keyboard Keys Letters Microsoft Word Google Docs Numbers Space Backspace Text cursor Capital letters Toolbar Bold Italic Underline Font Undo	A: Device Camera Photograph Capture Image Digital Landscape Portrait Horizontal Vertical Field of view Narrow Wide Framing Focal point Subject Compose Natural lighting Artificial lighting Flash Focus Background Foreground Editing tools Filter B: Music Pattern Rhythm Pulse Tempo Pitch Notes Instrument Open Edit	A: Animation Flip book Stop-frame Sequence Image Photograph Onion-skinning Delete Frame Media Import Transition B: Text Images Communicate Font Style Template Landscape Portrait Orientation Placeholder Desktop publishing Copy Paste Layout	A: Audio Record Playback Microphone Speaker Headphones Input Output Sound Record Start Pause Stop Podcast Save File Selection Open Edit Mixing Time shift B: Image Edit Arrange Select Digital Crop Undo Save Search	Copyright Composition Pixels Rotate Flip Hue/saturation Sepia Illustrator Vignette Retouch Clone Recolour Magic wand Select Adjust Sharpen Brighten Fake Real Composite Cut Copy Paste Alter Background Foreground Publication Original Font style Layer border	A: Video Audio/sound Recording Storyboard Script Soundtrack Dialogue Capture Zoom Storage Digital Tape AV (audio visual) Videographer Video techniques: zoom, pan, tilt, angle Lighting Setting YouTuber Content Camera angle Export Split Trim/clip Edit End credits Timeline Transitions Retake/reshoot Special effects Title screen B: Vector Drawing tools Shapes Object Icons Toolbar Vector drawing Move Resize Rotate Duplicate/copy Zoom Select Rotate Alignment grid	A: Website Web page Browser Media Hypertext Markup Language (HTML) Logo Layout Header Copyright Fair use Home page Device Google Sites Breadcrumb trail Navigation hyperlink Subpage External link Embed B: 2D 3D View Space Resize Rotate Position Select Duplicate Dimensions Modify

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<b>Programming</b>	A: Forwards Backwards Turn Clear Go Commands Instructions Directions Plan Algorithm Program Route B: ScratchJr Bee-Bot Command Sprite Compare Programming Block Joining Start block Run Program Background Delete Reset Algorithm Predict Effect Change Value instructions	A: Instructions Sequence Clear Unambiguous Algorithm Program Sequence Order Commands Prediction route debugging B: Sequence Command Program Run Start Outcome Predict Blocks Sprite Algorithm Design Actions Project Modify Debug	A: Scratch Programming Blocks Commands Code Sprite Costume Stage Backdrop Motion, Turn Point in direction Go to Glide Sequence Event Task Design Run the code Algorithm Bug Debug B: Motion Sprite Event Algorithm Logic Move Resize Extension block Pen up Set up Action Pen Design Debugging Errors Setup Code Test	A: Program Turtle Commands Code snippet Algorithm Design Debug Logo Pattern Repeat Repetition Count-controlled loop Value Trace Decompose Procedure B: Scratch Programming Sprite Blocks Code Loop Repeat Value Block Repeat Forever Infinite loop Count-controlled loop Costume Repetition Animate Event block Duplicate Modify Algorithm Debug Refine	A: Microcontroller Components LED Program Repetition Infinite loop Output devices Count-controlled loop Switch Condition True False Input Selection Action debug B: Selection Condition True False Count-controlled Loop Outcomes Conditional statement Algorithm Program Debug Answer Task Input Implement Test Run condition	A: Variable Value Event Algorithm Code Task debug B: Micro:bit MakeCode Input Process Output USB Condition If then else Variable Random Input Selection Sensing Navigation Compass Algorithm Task Code Debug

## Teach Computing Vocabulary Progression

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Data and Information	Object Label Group Search Image Property Data set Value Less Most Fewest Same	Organise Data Object Tally Chart Votes Total Pictogram Compare Count More than Less than Explain Most common Least common Attribute Block diagram	Attribute Value Questions Table Objects Branching database Compare Organise Pictogram Decision tree	Data Table (layout) Input device Sensor Data logger Logging Data point Interval Analyse Data set Import Export Logged Collection Review Conclusion	Database Data Information Record Field Sort Order Group Field Record Search Criteria Graph Chart Axis Compare filter presentation	Spreadsheet Data Data heading Data set Cells Columns and rows Application Format Common attribute Formula Calculation Input Output Cell reference Operation Range Duplicate