

Computing vocabulary progression 2023-2024



Internet Safety

Reception	Year 1	Year 2	Year 3 and Year 4	Year 5 and Year 6
Choices Internet Website	Rules Online Private information Email Share safe	Appropriate/inappropriate sites Cyber-bullying Digital footprint Keyword searching Password Stranger Danger internet	E-safety rules Secure passwords Login Age restrictions Report abuse button Gaming Blogs Profiles Account Private Terms and conditions	Responsible online communication Virus threats Blogs Messaging Privacy Social media Reporting Fraud/fraudulent Scam phishing Secure Media Permission

Digital footprint
Vlogging
Ecommerce
Online manipulation

Technology in our lives

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Technology Share Create Internet	Purpose Online tools Communicate Technology Digital Screen Mouse keyboard	Information sources Communication Purposes Website content Entertainment	Input Output Process network Devices connection server WAP Search tools websites	Internet networks Information World Wide Web Router Security Website Webpage collection Reliability Browser domain	System Input Output Protocal IP Address Packet Reuse Explore Collaboration Computing devices Internet parts Collaboration Responsibility Searching strategies Webpages	Internet World Wide Web Search engine Browser Keyword crawlers Keyboard Information Connecting devices Different audiences Research strategies Search result rankings Resources

Communication and collaboration

Year 2	Year 3	Year 4	Year 5	Year 6
<p>Filter Google search engine image keyboard internet subject address communicate sender safe secure.</p>	<p>communicate Music Pulse Emotions Pulse Rhythms Patterns Pitch Tempo Instrument Sound Note Audio Collaborate record</p>	<p>Filter Google search engine image email subject address communicate sender recipient attachment safe secure, internet, world wide web, social media.</p>	<p>world wide web search search engine advanced search results browser terms of use blog platform collaborate appropriate informative layout</p>	<p>Webpage Website Domain Hypertext purpose Audience Structure browser Copyright homepage Information collection HTML code Downloadable Navigation pathways</p>

Multimedia

Year R	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Screen Mouse Images Keyboard Paint	Portrait Landscape Lighting Colour Videos Camera stills Sounds Images Photo Edit	Paint effects Templates Animation Documents Index finger typing Enter/return Caps lock Backspace Commands Add Sound Stop Play Stop motion Stop frame	Multimedia Presentations Alignment Brush size Repeats Reflections Amend Copy Paste Audio Sound still image loop record	Creating + modifying Specific purpose Photo modifying Video Audio Zoom angles Movie Embed Link file format animate animation	Multimedia effects modification Transitions Hyperlinks Editing tools Refining Audio Record Edit Skip mute Input Output Record edit upload podcast	Audience Atmosphere presentation Audio Collaborate Transitions effects Revise vocabulary from Years 3, 4 and 5

Data Handling

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Collect Set of photos Count Organise	Photographs Video Sound Data Pictogram Digitally	Information Data Pictogram Group Tally Program Problem Graphs Charts Save Retrieve	Information Data Group Branching Questioning Database Construct Recording data Present data Multiply Classify present	Database creation Database searches Inaccurate data Information Data Collection Logging Analysis Data Logger Interpret conclusion	Information Data collection Database Search Sort Filter Fields records Spreadsheets Problem solving Present answers Analyse information Question data Interpret	Generate Process Interpret Store Present information Data Spreadsheet Plausibility Format Formula Filter tool Interrogate Software

Basic I.T. skills

Reception	Years 1 and 2	Years 3 and 4	Years 5 and 6
Screen Mouse Images Keyboard Paint	Brush Tools Settings Undo Redo Size Poster Launch Application Software Window Minimise Restore Size Move	organise file folder close exit search print password screenshot snipping tool shift undo redo menu dictionary highlight cursor toolbar spellcheck border Draw object Shape font size text box format image wrap text plan	Draw object Shape font size text box format image wrap text plan link object hyperlink minimise undo redo insert slide transition animations restore size move screen split create Window Layout

Screen Close Click Drag
log on log off keyboards
keys mouse click
button double click drag
present space bar
type text

link object hyperlink minimise
undo redo insert slide transition
animations restore size move screen
split create

Text Font Colour Format
Heading Hyperlink 2D shape,
3D shape orbit pan
Zoom eraser dimension
Measurement guide software
Purpose audience

Year 6 extra: publishing templates
Orientation placeholders

Computer Science

Reception

Year 1

Year 2

Year 3

Year 4

Year 5

Year 6

Program Robot Button Direction Forward Backward Left Right Route	Instructions Buttons Robots Patterns Program Forward Backward Left right Blocks Order Instruction Algorithm sequence	Right-angle turn Algorithm Sequence Debug Predict Program Turn left Turn right clockwise anticlockwise sequence project repeat repeat forever invisible grow shrink	Clockwise Anti-clockwise Sequence instructions debugging motion commands programming sprite block command variable test and improve	Program Blocks Commands Code Events Motion Sequence Trialling debugging Sensors Open-ended problems Complex Decompose logical sequence	Variable Change inputs Different outputs Commands Backdrop script block repeat condition selection sequence logical sequence consequence debug program	Predicting Inputs outputs devices Sensors Create variables Algorithm Control Output Symbol Delay Process Decision Loop Code Motor modify
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