



| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|--|--|--|--|---|--|
| Computer Science | Device, outcome, instruction, equipment, buttons, movement, robots, patterns, program, forward, backwards, turn (left / right) | Predict, effect, precise, right-angle turn, algorithm, sequence, bug, debug | Destination, goal, sequence instructions, sequence debugging, commands, repeat loop | Software, refine, command, error, sensors, open-ended problems | Control, explore procedures, variables, inputs, outputs, condition | Design, build, evaluate, modify, purpose, test and review, binary, denary, bit, byte, megabyte, gigabyte, microbit |
| Word Processing | Equipment, buttons, keys, communicate, backspace, space bar, enter, symbol, arrow keys, shift key | format, cursor, font, copy and paste, touch typing, home row | Bold, Italics, highlight, underline, cut, delete | Import, formatting, spacing, presentations, edit, symbols | Copyright, purpose, modifying, shortcuts, spell check | Plagiarism, audience, structure |
| Multi-Media | Image, representations, manipulating, creating, copying, pasting, designing | Animation, e-book, audio, video, recording, storyboard | Formatting, images, clipart, transitions, hyperlinks, slides | font, audience, purpose, publish | Stop motion, static, animator, script | Compose, adapt, record, microphone, sampler |
| Productivity | Information, photos, videos, sound, pictograph, collecting | Branching database, chart, tables, organise, sort | Database, spreadsheet, cells, data, Excel, columns, rows | Input, graph, compare, data handling, data collection | Formulas, present, tool, tab, filter, gridlines, print area | Cell reference, formula bar, function, range, values, worksheet |
| Collaboration and communication | private, safe, respect, digital objects | Class discussion, secret | Communications, phone call, text, IM (instant message), trusted adult, personal details (full name, school name, home address, photographs), emails, evidence, file, subject | Appropriate permission, publishing, personal information, risk and rewards, images, language, malicious, plagiarism, legal, copyright, accurate | Video chat, attachments, RSS (Really Simple Syndication) feeds, podcasting, wider audience, digital content | Forums, polls, Blogs, Vlogs, privacy, unbiased, sources, video conference |
| Networks and Internet Safety | Real, not real, home page, sites, minimise, digital objects, | Links, internet, secure area, spoof, advertising, WWW (World Wide Web) | Search, refine, shared network, facts and opinions, content, cyberbullying, software, WiFi, browser, address, hardware | LAN (Local Area Network), WAN (Wide Area Network), wired network, wireless network, malicious, cables, server, block, pop-up, QR code, Digital footprint, router | Tagging, permission, malicious adults, young people, report, suspicious, abuse, uploading, impact, viewpoints, validity, trolling, Influencers, domain name | IP, Protocol, social networking, wikis, awareness, phishing, spam, virus, origin, data protection, unbiased, accurate, privacy settings, grooming, URL (Uniform Resource locator), verify, script, HTML (hypertext mark-up language) |
| Disciplinary vocabulary - Speaking like a Computer Scientist. | Information technology Passwords Mouse Keyboard Open Close | Information technology Passwords Media Track pad Qwerty Save Undo / redo | Information technology Network Passwords Media Double click Left click Right click | Information technology Network Passwords Media Select all Highlight | Information technology Network Passwords Media | Information technology Network Passwords Media |