

Computing Vocabulary

Computing Systems and Networks

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|--|---|---|---|--|---|
| technology, screen, keyboard, mouse, base unit | information technology (IT), computer, device, scanner, printer | input, process, output, network, server | internet, router, world wide web, online content, connect | computer/digital system, physical/electronic connections, search engine, web crawlers, content | web address, IP address, domain name server (DNS), data packet, header, data payload, copyright, communication, collaboration |

Creating Media A

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|-------------------------------------|---|---|--|--|---|
| Paint, tools, shape, colour, select | capture, digital photograph, portrait landscape, edit, effect | animation, frame stop-frame, animation, story board, sequence of frames, onion skinning | input/output device, record, audio, podcast, soundwave view, layers (in recording) | visual media, store, retrieve, export, reshoot, storyboard | HTML code, web layout, copyright, copyright-free, fair use, navigation path, hyperlink, user experience |

Programming A

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|--|--|---|---|---|---|
| robot, direction, command, sequence, predict, program, run | outcome, algorithm, execute (run), debug, sequence | scratch, backdrop, code, motion block, event block, motion, stage | Template, command, code snippet, repeat/repetition, loop, count controlled loop, decompose/ decomposition | crumble, programming environment, sparkle, component, infinite loop, condition, selection, action | variable, program variable, value, code |

Data and Information

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|--|---|--|--|--|---|
| object, label, group, data, properties, classify | pictogram, tally, count, compare, attributes, block diagram | tree structure, branching database, arrange, attribute | data logger, data set, data collection, sensors, data points, data file, logged data | record, field, database, sorting, grouping | data input, spreadsheet, cell, cell format, produce, calculated data, formula, cell references, duplicate |

Creating Media B

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|--|---|--|---|--|---|
| word processor, keys, space, backspace, caps lock, text, double click, font , undo | rhythm, rhythm pattern, pitch, musical pattern, sequence of notes | Image, desktop publishing, return, shift, template, page orientation, place holder, layout | rotate, crop, filter, colour, effect, cloning, retouch, duplicate | vector drawing, alignment grid, resize handle, zoom tool, group and ungroup (images) | three dimensions, lift, lower, workplane, recolour, placeholders, perspective, resize |

Programming B

| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
|---|--|---|---|--|--|
| sprite, programming, start block, algorithm, value, animation | quiz, outcomes, background, modify, design, sequence | event, action, code, programming extension, pen trail, set up block | snippet of code, infinite loop, event block, code blocks, re-use, process | conditions, 'if...then...else', structure, program flow, branching structure, setup code | Micro:bit physical input, emulator, controllable device, selection, accelerometer, operand |