Computing Vocabulary
EYFS
Online Safety
Choices, internet, website
Digital Literacy
Collect, set of photos, count, organise
Computer Science
Screen, mouse, images, keyboard, paint
Information Technology
Technology, share, create, internet

Computing Vocabulary

Year 1

Online Safety/Exploring Purple Mash

Log in, log out, avatar, tools, username, my work, notification, save, password, topics

Grouping and sorting

Sort, criteria

Pictograms

Pictogram, data, collate

Lego Builders

Instructions, algorithm, computer, program, debug

Maze explorers
Direction, challenge, arrow, undo, rewind, forward, backwards, right turn, left turn, debug, instruction, algorithm
Animated story books
Animation, e-book, font, file, sound effect, display board
Coding
Action, algorithm, background, code, command, debug/debugging, event, execute, input, instructions, object, output, properties, run, scale, sound, scene, when clicked
Spreadsheets
Arrow keys, backspace key, cursor, columns, cells, clipart, count tool, delete key, image toolbox, lock tool, move cell tool, rows, speak tool, spreadsheet
Technology outside school
Technology

Computing Vocabulary
Year 2
Coding
Action, algorithm, background, button, collision detection, debug/debugging, design mode, event, key pressed, nesting, object, predict, properties, run, scale, scene, sound, sequence, test, text, timer, when clicked/swiped
Online Safety
Search, display board, internet, sharing, email, attachment, digital footprint
Spreadsheets
Backspace key, copy and paste, columns, cells, count tool, delete key, equals tool, image toolbox, lock tool, move cell tool, rows, speak tool, spreadsheet
Questioning
Pictogram, question, data, collate, binary tree, avatar, database.
Effective searching
Internet, search, search engine

Creating pictures

Impressionism, palette, pointillism, share, surrealism, template

Making music

BPM, composition, digitally, instrument, music, sound effects (SFX), soundtrack, tempo, volume

Presenting ideas

Concept map (Mind map), quiz, presentation, node, animated, non-fiction, narrative, audience

Computing Vocabulary

Year 3

Coding

Action, algorithm, background, alert, blocks of command, button, collision detection, debug/debugging, command, develop, execute, event, nesting, object, flowchart, plan, predict, output, procedure, repeat, properties, timer, sequence, sound, values, scene, test

Online Safety

Password, internet, blog, concept map, username, website, webpage, spoof website, PEGI rating

Spreadsheet

< > =, Advance mode, copy and paste, columns, cells, delete key, equals tool, spin tool, move cell tool, rows, spreadsheet

Touch typing

Posture, top row keys, home row keys, bottom row keys, space bar

Email

Communication, email, compose, send, CC, attachment, formatting, report to the teacher, password, address book

Branching database

Branching database, data, database, question

Simulations

Simulation

Graphing

Graph, field, data, bar chart, block graph, line graph

Presenting

Animation, audio, design templates, entrance animation, font, media, presentation, presentation program, slide, slideshow, stock image, text box, text formatting, transition

Computing Vocabulary

Year 4

Coding

Action, alert, background, button, code block, command, debug/debugging, execute, co-ordinates, if/else, flowchart, if, nesting, number variable, object types, predict, prompt, prompt for input, repeat, properties, repeat until, selection, properties, timer, variable, variable value

Online Safety

Computer virus, cookies, copyright, digital footprint, email, identity theft, malware, phishing, plagiarism, spam

Spreadsheet

Average, advance mode, copy and paste, columns, cells, charts, equals tool, formula, formula wizard, spin tool, move cell tool, random tool, rows, spreadsheet, timer

Writing for different audiences

Font, bold, italic, underline

Logo

LOGO, BK, FD, RT, LT, REPEAT, SETPC, SETPS, PU, PD

Animation

Animation, background, frame, flipbook, onion skinning, stop motion, play, sound, video clip

Effective searching

Easter egg, internet, internet browser, search, search engine, spoof website, website

Hardware investigators

Motherboard, CPU, RAM, Graphics card, network card, monitor, speakers, keyboard and mouse

Making Music

Pitch, rhythm, pulse, tempo, dynamics, melody, rippler, house music, texture

Computing Vocabulary

Year 5

Coding

Action, abstraction, algorithm, button, called, co-ordinates, decomposition, event, if, nesting, function, object, repeat, physical system, properties, run, score, sequence, simplify/simplified, simulation, tab, timer, variable

Online Safety

Online safety, smart rules, passwords, reputable, encryption, identity theft, shared image, plagiarism, citations, reference, bibliography

Spreadsheet

Average, advance mode, copy and paste, columns, cells, charts, equals tool, formula, formula wizard, spin tool, move cell tool, random tool, rows, spreadsheet, timer

Database

Avatar, Binary tree, charts, collaborative, data, database, find, record, sort, group and arrange, statistics and reports, table

Game creator

Animation, computer game, customise, evaluation, image, instructions, interactive, screenshot, texture, perspective, playability

Modelling

CAD, Modelling, 3D , 2D, points, viewpoint, net, template, 3D, polygon, 3D Printing

Effective searching

Audience, collaboratively, concept, concept map, connection, idea, node, thought, visual

Word processing

Copyright, cursor, document, font, in-built styles, merge cells, paragraph formatting, readability, template, text formatting, text wrapping, word art, word processing tool

Computing Vocabulary

Year 6

Coding

Action, alert, algorithm, background, button, called, command, co-ordinates, decomposition, debug/debugging, developer, event, flowchart, function, get input, if/else, launch command, number variable, nesting, object, predict, procedure, prompt, properties, repeat, run, scene, selection, simulation, string, tab, timer, user input, variable

Online Safety

Digital footprint, password, PEGI rating, Phishing, screen time, spoof website

Spreadsheet

Average function, advance mode, copy and paste, columns, cells, charts, count (how many) tool, dice, equals tool, formula, formula wizard, spin tool, move cell tool, random tool, rows, spreadsheet, timer

Database

Audience, blog, blog page, blog post, collaborative, icon

Text adventure

Text-based adventure, concept map, debug, sprite, function

Networks
Internet, world wide web, network, local area network (LAN), wide area network (WAN) router, network cables, wireless
Effective searching
Audience, collaboratively, concept, concept map, connection, idea, node, thought, visual
Quizzing
Audience, collaboration, concept map, database, quiz
Binary
Base 10, Base 2, binary, bit, byte, decimal, denary, digit, gigabyte (GB), integer, kilobyte (KB), switch, megabyte (MB), nibble, switch, tetrabyte (TB) transistor, variable
Spreadsheets (with Microsoft excel)
Alignment, calculate, cell, cell reference, chart, column, formula(e), function, range, row, spreadsheet, style, sum, value, workbook, text wrapping