PEAR TREE PRIMARY SCHOOL | COMPUTING VOCABULARY PROGRESSION

End-of-year vocabulary expectations • Purple Mash long-term plan • Years 1–3

Year 1

Purple Mash and digital creation: login, username, password, icon, click, drag, save, open, file, tool, paint, brush, image.

Data and animated stories: data, collect, group, sort, pictogram, animation, frame, character, background.

Instructions and coding: instruction, sequence, direction, forward, backward, turn, algorithm, code, command, debug.

Technology and music: technology, computer, keyboard, mouse, screen, device, sound, beat, rhythm.

Online safety: online, private, personal information, trusted adult, safe, unsafe.

Year 2

Pictures, music and presenting: digital art, effect, pattern, compose, tempo, pitch, presentation, slide.

Spreadsheets and questioning: spreadsheet, cell, row, column, value, total, question, answer, yes/no.

Routes and coding: route, instruction, algorithm, sequence, program, command, event, object, action, debug.

The internet: internet, website, web page, browser, link, search, information.

Online safety: password, privacy, permission, digital footprint, report, trusted adult.

Year 3

Typing and email: touch typing, home row, accuracy, email, inbox, recipient, subject, attachment, send.

Routes and coding: route, algorithm, flowchart, sequence, repetition, timer, event, bug, debugging.

Spreadsheets and databases: spreadsheet, cell, formula, data, record, field, database, branching database, classify.

Presentations: slide, layout, transition, text box, hyperlink, audience.

Online safety: communication, phishing, personal information, privacy, respectful, report.

These are suggested pupil vocabulary expectations aligned to the units in the supplied Purple Mash long-term plan, not an official Purple Mash glossary. Online safety is taught throughout each year. Optional robotics, micro:bit and binary units are not included.

PEAR TREE PRIMARY SCHOOL | COMPUTING VOCABULARY PROGRESSION

End-of-year vocabulary expectations • Purple Mash long-term plan • Years 4–6

Year 4

Animation and sound stories: animation, frame, onion skinning, audio, record, playback, sound effect, narration.

Hardware and software: hardware, software, input, output, peripheral, operating system, storage.

Logo and coding: Logo, command, procedure, repeat, loop, variable, condition, selection, debug.

Searching and AI: search engine, keyword, results, reliability, source, artificial intelligence (AI), prompt.

Composing and online safety: melody, rhythm, tempo, digital footprint, copyright, plagiarism, secure password.

Year 5

Quizzing and databases: quiz, question type, feedback, score, database, record, field, search, sort, filter.

Game creation and coding: game, sprite, collision, objective, level, algorithm, variable, condition, selection, repetition, debugging.

Spreadsheets: formula, function, cell reference, data, chart, calculate, model.

Word processing and concept maps: formatting, alignment, font, paragraph, document, concept map, node, link.

Online safety: identity, privacy settings, misinformation, cyberbullying, consent, report.

Year 6

Blogging and networks: blog, post, comment, audience, moderation, network, router, server, client, internet.

Graphing and data detectives: data set, graph, axis, scale, analyse, interpret, spreadsheet, formula, function, cell reference.

Coding and Python: algorithm, variable, input, output, sequence, selection, iteration, loop, conditional, Python, syntax, debug.

3D modelling: 3D model, perspective, dimension, rotate, resize, duplicate, align.

Online safety: digital footprint, credibility, bias, misinformation, copyright, privacy, cyberbullying.

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