Sandridge Computing Vocabulary Overview

Reception	**COMPUTING SYSTEMS AND NETWORKS** Computer, mouse, keyboard, screen, safely, technology, trackpad, click	**CREATING MEDIA** Paintbrush, colour, like, keyboard, letters, numbers, primary colours, feelings, keys, space	**PROGRAMMING** Forwards, backwards, turn, go, directions, instructions, left, right, bee-bot, start, delete, change, predict, design	**DATA AND INFORMATION** Group, colour, shape, object, less, most, the same
Year 1	**COMPUTING SYSTEMS AND NETWORKS** **Technology around us** Technology, computer, mouse, trackpad, keyboard, screen, click, drag, input device, shift, spacebar, capital letter, full stop, safely, responsibly	**PROGRAMMING** **Moving a robot** Forwards, backwards, turn, clear, go, commands, instructions, directions, left, right, plan, algorithm, route, program	**DATA AND INFORMATION** **Grouping data** Object, label, group, search, image, colour, shape, property, value, data set, less, most, fewest, the same	**CREATING MEDIA** **Digital writing** Word processor, keyboard, keys, letters, Microsoft Word, letters, numbers, space, backspace, text cursor, toolbar, bold, italic, underline, undo, font, toolbar
Year 2 and 3	**COMPUTING SYSTEMS AND NETWORKS** **Connecting Computers** Digital device, input, output, process, program, connection, network, network switch, server, wireless access point (WAP)	**PROGRAMMING** **Sequence in music** Scratch, programming, blocks, commands, code, sprite, costume, stage, backdrop, motion, turn, point in direction, go to, glide, event, task, design, code, run the code, order, note, chord, algorithm, bug, debug	**DATA AND INFORMATION** **Branching databases** Attribute, value, questions, table, objects, branching databases, objects, equal, even, separate, order, organise, j2data, selecting, pictogram, information, decision tree, questions	**CREATING MEDIA** **Desktop publishing** Text, images, advantages, disadvantages, communicate, font, style, template, desktop publishing, copy, paste, layout, purpose, benefits
Year 4	**COMPUTING SYSTEMS AND NETWORKS** **The internet** Internet, network, router, network security, network switch, wireless access point (WAP), router, website, web page, web address, router, routing, route tracing, browser, World Wide Web, content, links, files, use, download, sharing, ownership, permission, accurate, honest, adverts	**PROGRAMMING** **Repetition in shapes** Program, turtle, commands, code, snippet, algorithm, design, debug, logo commands, pattern, repeat, repetition, count-controlled loop, value, decompose, procedure	**DATA AND INFORMATION** **Data logging** Data, table (layout), input device, sensor, data logger, logging, data point, interval, analyse, import, export, logged, collection, analyse, review, conclusion	**CREATING MEDIA** **Photo editing** Image, edit, arrange, select, digital, crop, undo, save, search, copyright, composition, save, pixels, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, version, illustrator, clone, recolour, magic wand, sharpen, brighten, fake, real, composite, background, foreground, retouch, paste, alter, publication, elements, original, font style, border, layer
Year 5	**COMPUTING SYSTEMS AND NETWORKS** **Sharing information** System, connection, digital, input, process, output, protocol, address, packet, chat, explore, slide deck, reuse, remix, collaboration	**DATA AND INFORMATION** **Flat-file databases** Database, data, information, record, field, sort, order, group, search, criteria, value, graph, chart, axis, compare, filter, presentation	**CREATING MEDIA** **Vector drawing** Vector, drawing tools, shapes, object, icons, toolbar, move, resize, colour, rotate, duplicate/copy, zoom, select, alignment grid, handles, consistency, modify, layers, front, back, copy, paste, group, ungroup, reuse, improvement, evaluate, alternatives	**PROGRAMMING** **Selection in quizzes** Selection, condition, true, false, count-controlled loop, outcomes, conditional statement – the linking together of a condition and outcomes, algorithm, program, debug, implement, question, answer, task, input, outcomes, test, run, setup, share, evaluate, constructive

Year 6	COMPUTING SYSTEMS AND NETWORKS **Communication** Search, search engine, Google, Bing, Yahoo, Swisscows, DuckDuckGo, refine. index, crawler, bot, optimisation, links, web crawlers, content creator, ranking, communication, internet, public, private, one-way, two-way, one-to-one, one-to-many, SMS, email, WhatsApp, blog, YouTube, Twitter, BBC Newsround	CREATING MEDIA **Web page creation** Website, web page, browser, media, Hypertext Markup Language (HTML), layout, header, media, purpose, copyright, fair use, evaluate, preview, device, breadcrumb, trail, navigation, hyperlink, subpage, implication, external link, embed	PROGRAMMING A **Variables in games** Variable, change, name, value, set, design, algorithm, code, task, artwork, program, project, code, test, debug, improve, evaluate, share	DATA AND INFORMATION **Spreadsheets** Spreadsheet, data, data heading, data set, cells, columns and rows, data item, format, common attribute, formula, calculation, call reference, sigma, graph, evaluate, results, comparisons, questions, software, tools, data, propose	CREATING MEDIA **3D modelling** 2D, 3D, 3D object, 3D space, view, resize, colour, lift, rotate, position, select, duplicate, dimensions, placeholder, hole, group, ungroup, modify, evaluate, improve

Computing Systems and Networks	Programming	Data and Information	Creating Media