



Computing Vocabulary Map

Year Group	Autumn		Spring		Summer	
Rec	<p>Online Safety Safe, personal, private, information, trusted, adult, stranger, safe</p> <p>Using Equipment Click, password, iPad, camera, video, keyboard, letters</p> <p>Fairy tales Images, pictures, paint, colour,</p> <p>Winter Christmas, weather, seasons, warm clothes</p>		<p>Online Safety Safe, personal, private, information, trusted, adult, stranger, safe, online, password</p> <p>Animals Habitats, nocturnal, Sea creatures</p> <p>Traditional Tales Story, character, tale</p>		<p>Online Safety Safe, personal, private, information, trusted, adult, stranger, safe, online, password</p> <p>Minibeasts Wings, insects, legs, bugs</p> <p>Superheroes Superhero, super, powers, mask</p> <p>Technology around us Computer, mouse/trackpad, keyboard, screen, click, drag, draw, double-click, input device, Shift, space bar, capital letter, full stop, safely, responsibly, technology</p>	
1	<p>Online Safety Computer, mouse/trackpad, keyboard, screen, click, drag, draw, double-click, input device, Shift, space bar, capital letter, full stop, safely, responsibly, technology</p> <p>Digital Writing Information technology (IT), computer, barcode, scanner/scan, Word processor, keyboard, keys, letters, Microsoft Word, Google Docs,</p>	<p>Digital Painting/Creating a digital card numbers, space, backspace, text cursor, capital letters, toolbar, bold, italic, underline, mouse, cursor, select, font, undo, paint program, tool, paintbrush, erase, fill, Piet Mondrian, primary colours, shape tools,</p>	<p>Online Safety Internet, devices, screen time, personal information, sharing, private, report concerns, inappropriate behaviour, stranger, trusted adult, protect</p> <p>Programming Moving a robot Forwards, backwards, turn, clear, go, commands, Instructions, directions, left, right,</p>	<p>Following instructions Forwards, backwards, turn, clear, go, commands, Instructions, directions, left, right, Plan, algorithm, program, route, plan, up, down</p>	<p>Online Safety Digital citizen, trusted adult, responsible, responsible, online, uncomfortable, protect, gaming, gamers, shared space, trusted adult, online, responsible</p> <p>Grouping Data Object, label, group, search, image, property, colour, size, shape, value, data set, more, less, most, fewest, the same</p>	<p>Introduction to animation (Scratch Junior) ScratchJr, Bee-Bot, command, sprite, compare, programming, programming area Block, joining, command, start block, run, program, programming area, background, delete, reset, algorithm, predict, effect,</p>

		line tool, fill tool, undo tool, Henri Matisse, Wassily Kandinsky, feelings, colour, brush style, Georges Seurat, Pointillism, brush size, Pictures, painting, like, prefer, dislike	Plan, algorithm, program, route, plan, up, down	Lego Wedo Workshop- plants stem, leaf, flower, roots		change, value, block, instructions, sprite, appropriate, design, programming blocks,
2	<p>Online Safety Online safety, edit, rules, trusted adult, online bullying, consequences, bystander, report concerns, inappropriate behaviour</p> <p>Digital Photography Device, camera, photograph, capture, image, digital, landscape, portrait, Framing, subject, compose, Light sources, flash, focus, background, editing, filter, Format, lighting.</p>	<p>Making Music Music, planets, Mars, Venus, war, peace, quiet, loud, feelings, emotions, pattern, rhythm, pulse, Neptune, pitch, tempo, rhythm, notes, instrument, create, emotion, pitch, pulse/beat, open, edit</p>	<p>Online Safety Search engine, search, web, report, concerns, Swiggle, Kidrex, Kidzsearch, online, inappropriate, URL, domain name, virus, filters, passwords, information, safe, report, concerns, trusted adult, strong/weak passwords, sharing</p> <p>Programming -Robot algorithms (1) Instruction, sequence, clear, unambiguous, algorithm, program, sequence, order, commands, prediction, artwork, design, route, mat, debugging</p>	<p>Programming -Robot algorithms (2) Instruction, sequence, clear, unambiguous, algorithm, program, sequence, order, commands, prediction, artwork, design, route, mat, debugging</p>	<p>Online Safety Digital citizen, online behaviour, appropriate, respectful, trusted adult, report, concerns, PEGI ratings, trusted adult, appropriate, inappropriate,</p> <p>Pictograms More than, less than, most, least, organise, data, object, tally chart, votes, total, Pictogram, enter, data, tally chart, compare, count, Tally chart, data, explain, more, less, most, least, more common, least common, attribute, group, same, different, most popular, least popular, conclusion, block diagram, sharing, data</p>	<p>Programming - An introduction to quizzes Sequence, command, program, run, start, outcome, predict, blocks, Sprite, algorithm, blocks, design, predict, actions, project, modify, change, build, sequence, match, compare, debug, features, evaluate</p> <p>Workshop Makey Makey- Materials Material, wood, plastic, glass, stone, metal, rubber, paper, conductors, insulators, circuit board</p>

3	<p>Online Safety Review, edit, rules, trusted adult, Childline, strategies, online safety, trusted adult, online bullying, anti-bullying, trusted adult, bystander</p> <p>Connecting Computers Digital device, input, output, process, program, Connection, network, network switch, server, Wireless Access Point (WAP)</p>	<p>Creating an animation Animation, flip-book, Stop-frame animation, frame, sequence, image, photograph, setting, character, events, onion skinning, consistency, evaluation, delete, media, import, transition</p>	<p>Online Safety Trustworthiness, compare, trustworthy, untrustworthy, safe, unsafe, inappropriate, appropriate, behaviour, domain name, malware, URL, virus, digital footprint, internet, broadcast, trusted adult, Childline, digital trail</p> <p>Sequencing in Music Scratch, programming, blocks, commands, code, sprite, costume, stage, backdrop, programming blocks, motion, turn, point in direction, go to, glide, sequence, event, task, design, code, run the code, order, note, chord, algorithm, bug, debug</p>	<p>Desktop Publishing Text, images, advantages, disadvantages, communicate, font, font style, communicate, template, landscape, portrait, orientation, placeholder, template, layout, content, Desktop publishing, copy, paste, layout, purpose, benefits</p>	<p>Online Safety Netiquette, online behaviour, email, digital communication, digital footprint, avatar, gametag, internet identity, personal information</p> <p>Branching Databases Attribute, value, questions, table, objects, branching database, database, value, questions, objects, equal, even, separate, structure, compare, order, organise, j2data, selecting, pictogram, information, decision tree</p> <p>Workshop- Light Makey Makey Sense, light, darkness, transparent, translucent, opaque, circuit board</p>	<p>Programming- Events and actions Motion, event, sprite, algorithm, logic, Move, resize, extension block, pen up, set up, design, event, action, debugging, errors, setup, code, setup, test, debug, actions, events</p>
4	<p>Online Safety Edit, online safety rules, review, peer pressure, Snapchat, positive/negative influence, report, concerns, Childline, trusted adult, inappropriate behaviour</p> <p>The Internet Internet, network, router, network security, network switch, server, wireless access point (WAP) Website, web page, web address, routing, route tracing, browser, World Wide Web, content, links,</p>	<p>Programming- Repetition in shapes A Program, turtle, commands, code snippet, algorithm, design, debug, Logo, pattern, repeat, repetition, count-controlled loop, value, repeat, trace, decompose, procedure, program</p>	<p>Online Safety Childnet, emoji, Facebook, follower, hashtag, Instagram, network, Twitter, Tumblr, YouTube, trusted adult, Childline, accurate/inaccurate, anti-virus software, hacker, phishing, spyware, trojan, virus, worm.</p> <p>Photo Editing Image, edit, arrange, select, digital, crop,</p>	<p>Audio Editing (Podcast) Audio, record, playback, microphone, speaker, headphones, input, output, sound, record, start, pause, stop, podcast, playback, save, file, edit, selection, open, mixing, time shift, export, MP3, audio,</p>	<p>Online Safety Netiquette, digital rights, responsibilities, consequences, positive attitude, digital citizen, virtual friends, strangers, friend list</p> <p>Repetition in games B Scratch, programming, sprite, blocks, code, loop, repeat, value, block, repeat, forever, infinite loop, count-controlled loop, costume, repetition, animate, event block, duplicate,</p>	<p>Data Loggers Evaluate, data, table, input device, sensor, data logger, logging, data point, interval, analyse, data set, import, export, collection, logged, review, conclusion</p>

	<p>files, use, download, sharing, ownership, permission, Information, sharing, accurate, honest, content, adverts</p>		<p>undo, save, Image, search, save, copyright, composition, edit, save, pixels, crop, rotate, flip, adjustments, effects, colours, hue/saturation, sepia, save, version, illustrator, vignette, retouch, clone, recolour, magic wand, select, adjust, sharpen, brighten, fake, real, composite, cut, copy, paste, alter, background, foreground, publication, elements, original, font style, shapes, border, layer</p>	<p>editing, evaluate, feedback</p> <p>Workshop- Makey Makey Circuits-</p> <p>Circuit board, conductors, insulators, materials</p>	<p>block, modify, design, algorithm, debug, refine</p>	
5	<p>Online Safety CEOP, rules, edit, review, bystander, online bullying, negative effects</p> <p>Programming - Selection in physical computing (Crumble kits) Microcontroller, Crumble controller, components, LED, Sparkle, crocodile clips, connect, battery box, program, repetition, infinite loop, output devices, motor, LED, connect, count-controlled loop, components, motor, condition, true, false, input, output devices, selection, action, switch, task, design, algorithm, program, debug, evaluate</p>	<p>Video Editing Vloggers, trusted adult, Childline, CEOP, endorse, discerning, blogger, endorsement, digital footprint, online reputation, perception, accurate/inaccurate</p>	<p>Create a vector drawing Vector, drawing tools, shapes, object, icons, toolbar, Vector drawing, move, resize, colour, rotate, duplicate/copy, organise, zoom, select, object, alignment grid, resize, handles, consistency, modify, layers, object, front, back, order, copy, paste, group, ungroup, duplicate, object, reuse, improvement, evaluate, alternatives</p>	<p>Computer systems and networks- sharing information System, connection, digital, input, chat, explore, slide deck, process, output, Protocol, address, packet, Reuse, remix, collaboration</p>	<p>Online Safety Copyright, fair use, content creators, digital citizens, free-to-play, in-app purchase, in-game purchase, paymium, Bank accounts, parental controls, device settings, trusted adult, Childline, CEOP</p> <p>Flat file databases</p> <p>Database, data, information, record, field, sort, order, group, field, record, search, value, criteria, graph, chart, axis, compare, filter, presentation</p>	<p>Selection in quizzes Selection, condition, true, false, count-controlled loop, outcomes, conditional statement (the linking together of a condition and outcomes), algorithm, program, debug, question, answer</p> <p>Workshop- Lego Wedo - Forces</p> <p>Task, design, input, program, implement, test, run, set up, share, evaluate, constructive, forces, push, pull</p>

6	Online Safety Reporting buttons, inappropriate images, sexting, consequences, indecent, nude selfies.		Online Safety- account holder, age restrictions, social networking, privacy, uploading, respectful		Online Safety- digital citizenship, exposure to, grooming, bullying, trolling, bribery, parental controls, device settings, age related	