Computing Vocabulary Overview INTERIM A 2021-22

	Discover	Explore	Create	Discover	Explore	Create
	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 1 and 2	**Coding - We are astronauts 2.1**	**Coding - We are games testers 2.2**	**Tech - We are digital artists 1.3**	**Communicating - We are safe researchers 2.4**	**Tech sound - We are rhythmic 1.5**	**Tech Data - We are detectives 1.6**
	bug, code, debug, event, input, output, parallel programming, programme, repeat, repetition, clockwise, anitclockwise	abstraction, algorithm, computational thinking, input, output, source code, scratch, sprite.	analogue, bitmap, digital, effect, layer, pixel, stylus, transform, undo, similarity, difference, zoom.	Google, Google custom search, mind map, presentation, search engine, Wikipedia.	audio, digital, message, microphone, MIDI, piano roll, repetition, sample, sequencer, speaker, sprite, track, virtual.	database, dataset, field, filter, form, leaf, record, sort, table, tree.
Year 3 and 4	**Coding - We are games testers 2.2**	**Coding - We are bug fixers 3.2**	**Tech sound - We are musicians 4.3**	**Tech vid - We are who we are 3.4**	**Tech visual - We are artists 4.5**	**Data - We are opinion pollsters 3.6**
	abstraction, computational thinking, remix, repetition, scratch, source code.	event, input, output, parallel processing, pattern recognition, programme, sequence.	beat sequencer, live loops, MIDI, piano roll, sample, stave, touch instrument, tracks, velocity, voice.	comments, creative commons, data centre, outline, personal information	Image, bitmap, fractal, pixel, tessellation, transform, turtle, vector graphics	data, data centre, data protection, digital footprint, filter, personal information, survey.
Year 5	**Coding - We are game developers 5.1**	**Coding - We are cryptographers 5.2**	**Tech - We are architects 5.3**	**Communication - We are web developers 5.4**	**Tech - We are adventure gamers 5.5**	**Tech visual - We VR designers 5.6**
	background, iterative development, logical reasoning, program, variable.	cipher, codes, cryptanalysis, cryptography, decrypt, encode, encrypt, message, morse code, semaphore, transmit.	computer-aided design (CAD), creative commons, photorealistic, render, alter, amend.	hyperlinks, hypertext mark-up language (HTML), hypertext transfer protocol (HTTP), internet, internet protocol (IP) addresses, network switch.	colour value, creative commons, hyperlink, MP3, pixel, safe search.	accelerometer, augmented reality (AR), global positioning system (GPS), Google cardboard, photosphere, QR code, share code, stereographic, virtual reality (VR).
Year 6	**Coding - We are toy makers 6.1**	**Coding - We are computational thinkers 6.2**	**Communication - We are publishers 6.3**	**Communication - We are connected 6.4**	**Communication/Visual - We are advertisers 6.5**	**Data - We are AI developers 66**
	accelerometer, blue tooth, controller, decomposition, edge connector, embedded system, interactive, light-emitting diode (LED), MakeCode, micro:bit, microprocessor, simulator.	binary search, decomposition, divide and conquer, linear search, quicksort, selection.	creative commons, desktop publishing (DTP), eBook, ePub, folder, Portable document format (PDF).	anchor tag bias, blog, fake news, hyperlink, neutral point of view, online bullying (cyberbullying), plausible, reliable, social media, source, mis-information, dis-information.	creative commons, export, final cut, rough cut, rushes, storyboard.	artificial intelligence (AI), classifier, decision tree, image recognition, label, layer, machine learning, model, natural language processing.