

Computing - Key Vocabulary

Year Group	Key vocabulary for each unit
Year 1	<p><u>Iprogram</u> Device, signal, instruction, response, input, output, program, algorithm, debugging, command, sequence.</p> <p><u>iWrite</u> Return, backspace, spacebar, scroll, text, mouse, click, keyboard, computer, printer, connected, user, open, save, cut, word processor, type, keyboard, font, centre, bold, save, print.</p> <p><u>iModel</u> mouse, point, click, drag, algorithm, instructions, choose, decide, model.</p> <p><u>iData</u> Survey, tally, information, data, pictogram, graph, data, software, select, click, icon, information, click, icon, data, classify,</p> <p><u>iAlgorithm</u> sequence, instruction, algorithm, debug, predict, pattern, repeat, true, false, if, commands, precise, loop, code.</p> <p><u>iSafe</u> personal information, trustworthy, untrustworthy</p>
Year 2	<p><u>iAnimate</u> Stop, motion, image, animation, movie, character, flipbook, stage, background, sound, audio, text, storyboard, script, setting, props, shot</p> <p><u>iDoMail</u> email, type, send, snail mail, to, from, communication, reply, text, images, sound, attachment</p> <p><u>iSearch</u> Internet, website, web page, browsing, hyperlink, navigate, information, world wide web, clue, solve, explore, scroll.</p> <p><u>iBlog</u> blog, online, website, text, images, audio, video, webpage, hyperlink, login, username, password, post, response, comment, communicating, justify, evidence.</p> <p><u>iProgram</u> algorithm, instructions, sequence, input, output, process, list, steps, order, repeat, cut, paste, undo, redo, copy, sprite, statement, negative, execute, edit.</p>

	<p>iSafe personal, information, trust, safe, online, trustworthy, untrustworthy, sensation, emotions,</p>
Year 3	<p>iProgram sprite, blocks, programming, coordinates, conditional statement, if, sequence, animate, repeat, loop, import, record, 2D, pen, degrees, turn,</p> <p>iSimulate simulation, choice, rules, variables, model, pattern, choice, variables, predict, decision, rules, design, program, effect</p> <p>iNetwork network, connected, network switch, server, wireless access point, WIFI, local area network, router, IP address, URL, DNS</p> <p>iData database, record, question, field, data,</p> <p>iConnect network, internet, world wide web, email, communicate, connected, forward, back, home, router, data, images, text, audio, video, surfing, hyperlinks, browser, navigate, address bar, URL, icon, favourites, search engine, domain, copyright</p> <p>iSafe post, messaging, gaming, share, privacy, settings, block, public, private, threat, manipulation, self-esteem, isolation, fans, safe, unsafe, password, log in account, symbols, advertising, target ads, pop-up, vlogging, endorsement.</p>
Year 4	<p>iProgram turtle art, repeat, angle, degrees, sequence, value, robot, remote control, condition, if, then, else, true, false, execute, statement.</p> <p>iAnimate image, camera, animation, stop, motion, illusion, animator, dimensions, onion skinning, effects, sequence, frame rate, frames per second, graphics, 3D, design, test, debug, edit.</p> <p>iMail message, privacy, security, email, send, receive, internet, mail, inbox, log in/out, telecommunications, email address, server, attachment, browse.</p> <p>iProgram 2 design, engineering, hub, motor, program, robot, input, output, repeat, loop, if, forever, execute, sequence, parameter, sense, respond, data, choice, condition, conditional, design, test, debug.</p>

	<p><u>iData</u> Binary, series, base, data, digital, record, field, file, search, chart</p> <p><u>iSafe</u> registering online, personal information, private information, identity theft, cyberbullying, plagiarism, citation, respect, password protection, security, username, junk mail, spam, computer virus, uncomfortable, monitor, target, empathise, bystander, upstander</p>
Year 5	<p><u>iProgram 1</u> sprite, xy coordinates, condition, if, Boolean, true, false, variable, sense, variable, value, storage, memory, sequence, input, output, repeat, loop, statement, algorithm, test, bugs, debug, amend, systematically</p> <p><u>iProgram 2</u> 3D, object, sequence, program, conditions, when/do, iteration, repetition, loops, always, input, variables, objective, user, interacting, levels, platform, test, debug, input, equal to, algorithm, design, storyboard, amend, systematically</p> <p><u>iModel</u> 2D, 3D, dimensions, model, graphics, model, resize, rotate, design, evaluate, workspace, workplane, view, amend, improve</p> <p><u>iCrypto</u> cipher, code, encrypt, decrypt, cryptography, key, signalling, semaphore, communication, signal, message, data, binary, encode, decode, Morse, decipher, pattern, frequency analysis, enigma, plaintext, ciphertext.</p> <p><u>iWeb</u> internet, communicate, world wide web, email, instant messaging, skype, facetime, website, webpage, HTML code, hacking, CSS, hyperlink, copyright, syntax</p> <p><u>iSafe</u> communication, e-safety, technology, internet, risk, benefit, personal, private, SMART, search engine, search bar, trust, comparisons, user-friendly, chat, instant messenger, cyberbullying, bullying.</p>
Year 6	<p><u>iProgram</u> control, input, output, simulation, process, condition, statement, if, then, design, plan, logical operations, variables, sprite, iteration, test, bug, algorithm, amend, systematically.</p> <p><u>iNetwork</u></p>

network, internet, wired, wireless, data, devices, communicate, connected, LAN, WAN, network switch, router, packet, data, address, IP address, website, webserver, trace, URL, world wide web, service providers, search engine, ranking, search terms, spider, crawling, algorithm, hyperlink, image link, HTML, tags, CSS, copyright

iData

spreadsheet, cell, cell reference, formula, sum, formula bar, calculate, chart, graph, formulae, modelling, variables

iApp 1 and 2

mobile, smart, phone, tablet, apps, technology, touch, communication, input, output, components, events, properties, test, debug, code, program, android, iOS, operating system, hardware, software, conditional, handler, sprite, function, procedure, decomposition, interface, pseudo-code, syntax assets, commands, abstraction, parameters.

iSafe

privacy, security, two-factor verification, encryption, complexity, hacker, personal information, privacy settings, bullying, cyberbullying, conflict, bystander, upstander, harassment, communication, support, advice, report, block, abuse, trusted adult