

Concept, Controls, Effects and Processes Tables

	Technological developments	Technological terms	Styles and genres
National 3	player pianos acoustic horn/cylinder wax cylinders gramophone records vinyl LPs and 45 RPM records	beat capture channel distortion/overload dry/wet MIDI sequenced data session log track (names/list) virtual instrument tracks volume	jazz blues rock disco
National 4	radio juke box CD players MP3 players electric guitar (solid body) electronic organ	apps arrange window arrangement clipping feedback file management intro/outro lead vocal popping and blasting sibilance take tempo	ragtime swing skiffle synth pop electronica/dance music rap
National 5	reel to reel magnetic tape stereo LPs guitar pick-up 8-track recording/multi-track recording (analogue and digital) audio/MIDI interface virtual instruments performance software	glitch hum cyclical/loop play list sampler sound card spillage/leakage toolbox transpose	rock 'n' roll Scottish/Celtic rock 60s pop punk country music hip hop musical

	Melody/ harmony	Rhythm/tempo	Texture/ structure/form	Timbre/ dynamics
National 3	ascending descending step (stepwise) leap (leaping) repetition sequence improvisation chord chord change	accent/accented beat/pulse BPM (beats per minute) 2, 3 or 4 beats in the bar on the beat/off the beat repetition slower/faster pause drum fill	unison/octave harmony/chord solo accompanied/ unaccompanied repetition riff ostinato	acoustic/electronic striking (hitting), blowing, bowing, strumming, plucking acoustic guitar, electric guitar piano, organ, synthesiser drum kit voice/vocals crescendo (cres) diminuendo (dim)
National 4	major/minor (tonality) broken chord/ arpeggio change of key pedal scale octave vamp scat singing	syncopation 2 3 4 6 4 4 4 8 anacrusis accel(erando) rall(entando) a tempo	binary — AB ternary — ABA verse and chorus (song structure) middle 8 imitation	woodwind instruments string instruments brass instruments percussion instruments bass guitar distortion muted backing vocals voices — S A T B
National 5	atonal cluster inverted pedal chromatic whole tone scale glissando modulation countermelody pitch bend tone/semitone	ritardando (rit) cross rhythms	strophic walking bass homophonic polyphonic coda bridge/link passage instrumental break	arco pizzicato rolls voices — mezzo soprano, baritone

	Controls and effects
N3	delay, EQ (equalisation), gain/trim, mono(phonic), panning, playback, record, reverb(eration), stereo(phonic), time domain
N4	compression/expansion, effects (FX), fader, line level, microphone level, tone control, transport bar/controls
N5	auxiliary in(put)/out(put) (Aux), auxiliary send/return, boost EQ/cut EQ, chorus effect and depth, close mic'd, dB (decibels), gated reverberation (reverb), LFO, noise gate, pitch bend, punch in/out
	Processes
N3	backup copy, format, mix/mixing/balance, normalising, sampled, save, audio/stereo master, USB (port)
N4	click track, copy, cut and paste, effects pedals, final mix, general MIDI (GM), guide vocal, import/export, input/output, mute, overdub, peak, sequencer, signal path, synchronisation (sync), WAV/AIFF file
N5	beat-matching, digital processor, drop in/out, fade in/out, import/export, latency, locators, markers, multi effects processor, quantisation, vocal enhancer