Audio and MIDI: Electronic Composition in General Music

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Key
D - Desktop (Mac & PC)
C - Chromebook
T - Tablet/iPad
S - Smartphone/iPhone

Level	Applications	Descriptions	1. Music Literacy	2. Creative Expression	3. Historical and Cultural Re	4. Critical Evaluation and Re	Free (F) or Trial (T)	Technologies
Elementary	Ai Duet	Piano that generates musical responses		✓	✓	✓	F	D, C, T, S
	aQWERTYon	Improvise with Youtube w/generated chords (mus. theory)	✓	✓		✓	F	D, C, T
	Chrome Music Lab	"Mini-apps" of musical concepts or limited creation		✓	✓	✓	F	D, C, T, S
	Every Noise At Once	Index of genres and sound examples			✓	✓	F	D, C, T, S
	Groove Pizza	Circular rhythm app using math, shapes, and patterns		✓	✓	✓	F	D, C, T, S
	Noteflight	Online music notation software for listening and creating	✓	✓	✓	✓	T	D, C, T, S
	O-Generator	Circular looper using pop and world styles		✓	✓	✓	T	D, C, T (App)
	Pentatonic Piano Duet	Color-coded improvising with piano		✓		✓	F	D, C
	Soundtrap	Collaborative online digital workstation w/loops and VST's		✓	✓	✓	T	D, C, T, S (App)
	Web Sampler for Makey Makey	Combine with Makey Makey for sampling and recording		✓	✓	✓	F	D, C, T, S
	Staff Wars (The Music Interactive)	Music notation game	✓			✓	T	D, C, T, S (App)
Middle	Ableton Learn Music	Intro to music workstation and loop-based production		✓	✓	✓	F	D, C, T, S
	aQWERTYon	Improvise with Youtube w/generated chords (mus. theory)	✓	✓		✓	F	D, C, T,
	Rev Online Voice Recorder	Web-app for recording and downloading		✓			F	D, C, T, S
	Drumbit	Online drum sequencer		✓	✓	✓	F	D, C, T, S
	Flat	Music notation software	✓	✓	✓	✓	T	D, C, T, S (App)
	Studio One	Preliminary digital music workstation	✓	✓	✓	✓	T	D, T (Control App)
	Garageband	Touch instruments with recording and loop studio	✓	✓	✓	✓	F	D, T, S (App)
	Groove Pizza	Circular rhythm app using math, shapes, and patterns		✓	✓	✓	F	D, C, T, S
	Chrome Music Lab	STEAM-based mini-apps for learning the science of sound		✓	✓	✓	F	D, C, T, S
	Online Sequencer	Piano-roll sequencer for MIDI demo or melody writing		✓		✓	F	D, C, T, S
	HTML5 Drum Machine	Vintage drum machine for programming		✓		✓	F	D, C
	Noteflight	Online music notation software for listening and creating	✓	✓	✓	✓	T	D, C, T, S
	Assisted Melody	Google designed melody creator with J.S Bach harmonizer		✓	✓	✓	F	D, C, T, S
	Hip Hop & Jazz Google Doodles	Fun music history games for appreciating and creating		✓	✓	✓	F	D, C, T, S
	SmartMusic	Music learning software for practicing and tracking	✓	✓	✓	✓	T	D, T
	Solfeg.io	Real-time practice web-app for popular music learning	✓	✓	✓	✓	T	D, C, T, S
	Soundation	Music workstation with loops and VST's		✓	✓	✓	T	D, C
	Soundtrap	Collaborative online digital workstation w/loops and VST's	✓	✓	✓	✓	T	D, C, T, S (App)
	Staff Wars (The Music Interactive)	Music notation game	✓			✓	T	D, C, T, S (App)
High	Ableton Live	Professional software for production, creation and performance		✓	✓	✓	T	D
	Ableton Learn Music	Intro to music workstation and loop-based production		✓	✓	✓	F	D, C, T, S
	Audacity	Audio editing and recording		✓	✓	✓	F	D
	Audiotool	Analog style music production studio		✓	✓	✓	T	D, C
	Rev Online Voice Recorder	Web-app for recording and downloading		✓			F	D, T, S (App)
	Cubase	Professional digital audio workstation		✓	✓	✓	T	D
	Finale	Professional music notation software	✓	✓	✓	✓	T	D
	Flat	Online music notation software	✓	✓	✓	✓	T	D, C, T
	Garageband	Touch instruments with recording and loop studio	✓	✓	✓	✓	F	D, T, S (App)
	Logic Pro	Professional DAW w/music notation	✓	✓	✓	✓	T	D, T, S (Control App)
	Noteflight	Online music notation software for listening and creating	✓	✓	✓	✓	T	D, C, T, S (App)
	Pro Tools	Professional DAW for mixing and mastering		✓	✓	✓	T	D, T, S (Control App)
	Sampulator	Trigger and record hip hop samples		✓	✓	✓	F	D, C, T, S
	Sibelius	Professional music notation software	✓	✓	✓	✓	T	D, T, S (Control App)
	SmartMusic	Music learning software for practicing and tracking	✓	✓	✓	✓	T	D, T (App)
	Solfeg.io	Real-time practice web-app for popular music learning	✓	✓	✓	✓	F	D, C, T
	Soundation	Music workstation with loops and VST's		✓	✓	✓	T	D, C
	Soundtrap	Collaborative online digital workstation w/loops and VST's		✓	✓	✓	T	D, C, T, S (App)
College	Ableton Live	Professional software for production, creation and performance		✓	✓	✓	T	D
	Audiotool	Analog style music production studio		✓	✓	✓	T	D, C
	Cubase	Professional DAW (Best iPad DAW)		✓	✓	✓	T	D, T
	Digital Performer	Professional DAW/sequencer	✓	✓	✓	✓	T	D
	Earmaster	Music theory and ear training software	✓	✓	✓	✓	T	D, C, T, S (App)
	Finale	Professional music notation software	✓	✓	✓	✓	T	D, T
	Fl. Studios	Professional DAW		✓	✓	✓	T	D, T, S (App)
	Flat	Online music notation software		✓	✓	✓	T	D, C, T
	Garageband	Touch instruments with recording and loop studio	✓	✓	✓	✓	T	D, T, S (App)
	Logic Pro	Professional DAW w/music notation	✓	✓	✓	✓	T	D, T, S (Control App)
	Max/MSP	Program language for music and multiimedia		✓		✓	T	D, C
	Noteflight	Online music notation software for listening and creating	✓	✓	✓	✓	T	D, T, S (App)
	Pro-Tools	Professional DAW for mixing and mastering		✓	✓	✓	T	D, T, S (Control App)
	Reason	Connect synths and samplers in creative DAW		✓	✓	✓	T	D, T, S (App)
	Sibelius	Professional music notation software	✓	✓	✓	✓	T	D, T, S (Control App)
	SmartMusic	Music learning software for practicing and tracking	✓	✓	✓	✓	T	D, T (App)
	Bandlab	Recording and social music creation app		✓	✓	✓	F	T, S (App)
	Soundtrap	Collaborative online digital workstation w/loops and VST's		✓	✓	✓	T	D, C, T, S (App)