

Areas of Competency in Music Technology

The Technology Institute for Music Educators has identified the following areas of competency in music technology that are directly applicable to music instruction in support of the National Standards for Arts Education. See <http://www.ti-me.org> for more information.

Rate yourself on a scale from 1 to 5 -- the higher the number, the more you know in the given area.

Electronic Musical Instruments	Keyboards, Controllers (Other), Synthesizers & Samplers, Ensemble Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5
Music Production	Data Types (MIDI & Digital Audio); Processes (Looping, Sequencing, Signal Processing, Sound Design)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5
Music Notation Software	Create and layout a complete score and parts; integrate notation files into word processing software for text handouts and exams	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5
Technology-Assisted Instruction	Instructional Software, Accompaniment/ Practice Tools, Internet-based Learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5
Multimedia	Multimedia Authoring (Web Pages, Presentations [PowerPoint, Keynote], Movie/DVD); Digital Image Capturing (Scanning, Still/Video Camera); Internet; Electronic Portfolios (i.e. Note Taker)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5
Productivity Tools, Classroom and Lab Management	Productivity Tools (Text Editor, Spreadsheet, Database, etc.); Computer Systems (CPU, I/O Devices, Storage Devices/Media, etc.); Lab Management Systems (Korg, Roland, Lentines, etc.); Networks (Network Manager Software, Server, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		1	2	3	4	5