Creativeness and Technology: Ideas for Making Music Teaching More Musical

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General Creativeness


General Creativeness: Music Teaching and Learning


Creative Music Listening

Creative Performance of Others’ Music

- Green, L. Lucy Green has conducted research and written several books about the music learning of popular/vernacular musicians and its application to music education.
  - **Hear, Listen, Play!: How to Free Your Students' Aural, Improvisation, and Performance Skills**
  - **How Popular Musicians Learn: A Way Ahead for Music Education**
  - **Music, Informal Learning and the School: A New Classroom Pedagogy**
  - See also her *Music Educators Journal* article.
- **Musical Futures** is a UK-based organization that promotes creative, active music making for students. Their approaches are grounded in the research of Lucy Green. They have many free resources on their website.

Creative Performance of One’s Own Music (Improvisation)
(not just Jazz or Orff-based)

- Agrell, J. has written a number of **improvisation books** that are written from the philosophical point of view that everyone can improvise. The books include:
  - Improvisation Games for Classical Musicians
  - Improvisation Games for Classical Musicians - Volume 2
  - Improv Duets for Classical Musicians
  - Improv Games for One Player
  - Improvised Chamber Music
  - Vocal Improvisation Games

**Composition**

• Michele Kaschub and Janice Smith have written a variety of excellent books on music composition. Their titles include:
  - Composing Our Future: Preparing Music Educators to Teach Composition
  - Minds on Music: Composition for Creative and Critical Thinking
  - Experiencing Music Composition in Grades 3-5 (The authors are in the process of developing new books in this series for use with various ages of students.)
  - They have also started a Facebook group called Experiencing Music Composition
• Musicianship: Composing in Band and Orchestra - Multiple authors, edited by Clint Randles and David A. Stringham.
• Music-COMP: Formerly known as the Vermont MIDI Project


• Stauffer, S. L. (2002). Connections between the musical and life experiences of young composers and their


102*(3), 46–52. [https://doi.org/10.1177/0027432115621953](https://doi.org/10.1177/0027432115621953)

[https://doi.org/10.2307/3399774](https://doi.org/10.2307/3399774)

Technology Resources

TEXTS IN MUSIC TEACHING AND LEARNING

New York, NY: Oxford University Press.


IMPORTANT COLLECTED WRITINGS

Education.* NY: Routledge.

Canada: Canadian Music Educators’ Association.

• Ruthmann, A. & Mantie, R. (eds.) (2017) *The Oxford Handbook of Technology and Music Education.* NY:
Oxford University Press.

ARTICLES


• Tobias, E. (2012). Let’s play! Learning music through video games and virtual worlds. In G. McPherson and G.

• Nielsen, L. D. (2013). Developing Musical Creativity Student and Teacher Perceptions of a High School Music

• Webster, P. & Williams, D. (2018). Technology’s role for achieving creativity, diversity and integration in the
American undergraduate music curriculum: Some theoretical, historical and practical perspectives. *Journal
of Music, Technology & Education, 11*(1), 5-36.

non-participate students in creative music activities through technology. *Journal of Music, Technology and
Education, 4*(2/3), 131-147.
LINKS TO SELECTED LISTINGS OF TECHNOLOGY AND CREATIVITY RESOURCES FOR MUSIC TEACHING AND LEARNING

- Diigo Bookmarks: Creativity: Bill Bauer
- Music Education in the Cloud: Bill Bauer
- Web-Based Music Applications & Resources: David B. Williams
- Tablet and Smartphone Apps for Music Education: Android and iOS: David B. Williams
- Quaver’s Marvelous World of Music and MusicFirst (Cloud-based Catalogs of Software)

(see the above sites for excellent links to a variety of software for computer assisted instruction for all ages)

LINKS TO SELECTED CLOUD-BASED SITES

COMPOSING (Digital Audio)

- Hookpad
- Isle of Tune
- Soundation
- Soundtrap
- AudioTool
- AudioSauna

MUSIC NOTATION (Score)

- Flat
- MuseScore
- Noteflight

IMPROVISATION

- Band-in-a-Box
- iReal Pro
- Impro-Visor
- iRealPro
- Little Kids Rock
- Online Jam Sessions
- SmartMusic

LISTENING

- SoundCloud
  Use SoundCloud to have students submit recordings of themselves. Then, from within SoundCloud, you can provide feedback.
- Spotify
- Apple Music
- YouTube
  - Create and share YouTube playlists of your favorite videos.
    - Is YouTube blocked in your school? Try downloading videos so they can be viewed offline, without an Internet connection. There are various add-ons for your favorite web browser (Safari, Firefox, Chrome) that will allow you to download YouTube videos.
    - Both TeacherTube and SchoolTube are YouTube alternatives that some school districts will allow to be used by teachers and students.
- Google Play Music

MUSIC PERFORMANCE

- Music Prodigy - Practice and assessment.
- PracticeFirst - Practice and assessment.
- Sightreading Factory - Develop the music reading abilities of elementary and secondary music students.
- **Sing and See** - Provides real-time visual feedback when singing, with a variety of analytic tools.
- **SmartMusic** - Practice and assessment.
- Use **Google Voice** for playing/singing assessments.
- **Look what happens** when you search “metronome” on Google.