iPad Music Education Applications

Presented by Dr. Thomas Rudolph

on behalf of TI:ME

www.ti-me.org

Presentation Slides available at www.tomrudolph.com/handouts
Areas of Competency
1. Electronic Musical Instruments
2. Music Production (DAW)
3. Notation Software
4. Technology-Assisted Learning
5. Multimedia
6. Productivity Tools and Lab Management
“It used to be that people played music, because that was the only way to hear it. When mass media came along, society split into a small number of people paid to be artistically creative and a much larger number that passively consumes their output. Reducing the effort to learn to play an instrument… emerging technology points to the possibility that far more people will be able to creatively express themselves. Improving the technology for making music can help engage instead of insulate people.”

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Live Performance and Improvisation

- GarageBand ($4.99)
- ThumbJam ($8.99)
- Instrument Apps (V)
- YouTube search “iPad Ensemble”

Videos 1 through 6
Connecting MIDI

- Types of MIDI keyboards
- Apple Camera Kit
- iPad stands
Notation-Based Composition

- COPPA Compliant
- Noteflight [www.noteflight.com](http://www.noteflight.com) (runs in Safari – not an app) [http://www.youtube.com/watch?v=LUQozUGHvow](http://www.youtube.com/watch?v=LUQozUGHvow)
- Breezin' Thru® Composing $200 annual subscription [http://breezinthrutheory.com/about/composing/](http://breezinthrutheory.com/about/composing/)

Videos 7 & 8
Composition and improvisation for non-music readers

GarageBand for iPad ($4.99)

Inter-app Audio and Audiobus (V)

Book: 
*Making Music with GarageBand and Mixcraft*
Technology-Assisted Practice

- iReal Pro ($7.99) (formerly iRealb)
- SmartMusic for iPad (free with Subscription)
- Charanga Music World ($199 annual subscription)
  
http://www.musicfirst.com/charanga-music-world

Video 9. SmartMusic for iPad
Technology-Assisted Learning

• MusicTheory.net  www.musictheory.net
  Tenuto app ($3.99)
  http://youtu.be/vfD0DsTccvw

• Music Delta ($199 annual subscription)
  http://www.musicfirst.com/music-delta

• The Orchestra: Touch Press ($13.99)

• Beethoven’s 9th: Touch Press
  (free for 1 movement; $13.99 for all)

Video 10. Tenuto Demo
Assessment Audio Recording

Use iPad Built-in Microphone or attach an external mic. Email audio files to teacher or post to SoundCloud.com

Audio Recording Apps

• WavePad HD by NCH Software (Free)
• GarageBand (free)
Video: Recording and Sharing

- iPad Video Recording app (free)
- Posting to YouTube, Vimeo, and TeacherTube
- Tom Rudolph’s demo: [http://youtu.be/xYz-7UrCJIQ](http://youtu.be/xYz-7UrCJIQ)
Teaching with the iPad

• Presentation Tool
• Projecting the iPad Screen
  www.airver.com
• Connecting to a Monitor via VGA Cable
• Connect via AirServer
Music Listening and Basic Tools

• **Music app**

• **Spotify:** requires Premium Package ($10 month)

• **A.P.S. MusicMaster Pro**
  by C. L. Barnhouse ($6.99)
Learning Management Systems

- Schoology www.schoology.com
- Edmodo www.edmodo.com
- Haiku www.haikulearning.com
- Google Sites http://www.educatorstechnology.com/2013/01/teachers-guide-on-use-of-google-sites.html
- And many others.....
Resources

• iBooks Author
  http://www.apple.com/ibooks-author/

• *Musical iPad* (book) by Rudolph and Leonard

• Attend the TI:ME Conference
  at TMEA (Texas) in
  February, 2013.

• Join TI:ME  www.ti-me.org
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