

# Technology for the Rest of Us

*Android, Chromebook, and Windows*

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# The Playing Field Isn't Level

*Although devices may be good, the  
applications haven't followed*







# iPads FIT in Music Education

Notebook?  
Chromebook?  
Do you have desks?

- Band
- Choir
- Orchestra
- General Music
- Music Theory
- Guitar
- Music History
- Music Technology

A graphic titled "iPads FIT in Music Education". The background is a solid red color. At the top left is a white tablet with a black musical note icon. At the top right is a laptop with a red sad face on the screen. Below the title is a list of subjects: Band, Choir, Orchestra, General Music, Music Theory, Guitar, Music History, and Music Technology. At the bottom are several illustrations: a piano, a person in a purple robe holding a tablet, a double bass, a laptop on a stand, and a stick figure holding a tablet.



# The World of iOS

- ✦ *Mirroring solutions*
- ✦ *Abundance of apps -- quality apps, especially in music*
- ✦ *Core MIDI compliant, new Bluetooth LE MIDI standard*
- ✦ *Accessories (cases, stands, and musical accessories)*
- ✦ *New MDM options, allowing distribution of apps and control of devices*

# Looking beyond iOS

- ✦ *Available for all*
- ✦ *Android*
- ✦ *Chromebook*
- ✦ *Windows 8.1 Tablets*



# Available for All

- ✦ *Remind*
- ✦ *ClassDojo*
- ✦ *Schoology/Edmodo*
- ✦ *musictheory.net*
- ✦ *Soundcloud*
- ✦ *Socrative*
- ✦ *musicfirst.com*
- ✦ *You Tube*
- ✦ *GAFE*
- ✦ *Websites (Wordpress, Weebly, etc.)*
- ✦ *Kahoot*
- ✦ *Poll Everywhere*

# What are your favorite services that are available to all?

- *Google Classroom*
- *Edpuzzle (flipping video with interactive components)*
- *Padlet*
- *Today's Meet*
- *Prezi*
- *[superteachertools.com](http://superteachertools.com)*
- *Quia*
- *Plickers*



# Android

*Full spectrum of devices*

*Wide range of active OS  
(fragmentation)*

*Developing App Store*

*Freemium App Model*

*Hardware limitations with Core*

*MIDI*

*Latency Issues with iOS*





# Android

- ✦ *NotateMe (NotateMe Now) with Samsung Galaxy Note - \$39.99 with \$29.99 In-App Purchase*
- ✦ *iReal Pro \$12.99*
- ✦ *ClearTune \$3.99*
- ✦ *Orpheus Music Reader \$4.57*
- ✦ *FL Studio Mobile \$19.99*
- ✦ *n-Track Studio Free Demo to \$19.99*
- ✦ *Perfect Ear 2 (In-App Purchases)*
- ✦ *TimeGuru Metronome \$1.99*
- ✦ *Staff Wars 1.3 \$0.99*
- ✦ *Splashtop 2*
- ✦ *Walk Band Free to \$0.99*



# What are YOUR favorite Android Apps?

- *MySlider (Slideshow Control)*



# Chromebook

- ✦ *Low Cost*
- ✦ *Easy Management*
- ✦ *Limited Web Apps*
- ✦ *Hardware Limitations*





# Chromebook

- ✦ *Many Assorted Web Apps*
- ✦ *The Chromebook excels with GAFE*
- ✦ *How do you fit it in your music classroom?*
- ✦ *Is the first (and only) touchscreen Chromebook a hope for a future Chromebook hybrid?*
- ✦ *Is the merging of the VP position of Android and Chromebook a sign of future promise?*



What are some of YOUR favorite  
Chromebook uses/web apps?

*On the Chromebook, use CTRL + SHIFT + REFRESH  
This rotates the screen 90° and the Chromebook  
can be used for sheet music!*



# Windows Tablets

- ✦ *Some wonderful hardware*
- ✦ *A different approach to a mobile OS*
- ✦ *Different breeds: RT, 8.1*
- ✦ *Best devices are cost prohibitive*
- ✦ *Actual "apps" are limited and sometimes more expensive*





# Windows Tablets (8.1)

- ✦ *Your traditional notation apps work (Finale, Sibelius, Notion, and MuseScore). Not optimized for touch.*
- ✦ *Chrome OS can be run, replicating every feature of a Chromebook (except cost)*
- ✦ *BlueStacks can be run, emulating Android (to a point)*



# Windows Tablets

- ✦ *themusicinteractive.com* (*Staff Wars*)
- ✦ *Musescore*
- ✦ *Other than iOS, the only way to run SmartMusic*
- ✦ *You can run a SMART Board connected to a Windows Tablet*



What are some of YOUR  
favorite Windows apps?

*Check out [musicedmagic.com](http://musicedmagic.com) for Chad Criswell's  
article on "High Tech on a Low Budget"*



# Questions? Comments?

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[www.techinmusiced.com](http://www.techinmusiced.com)

