# Technology for the Rest of Us

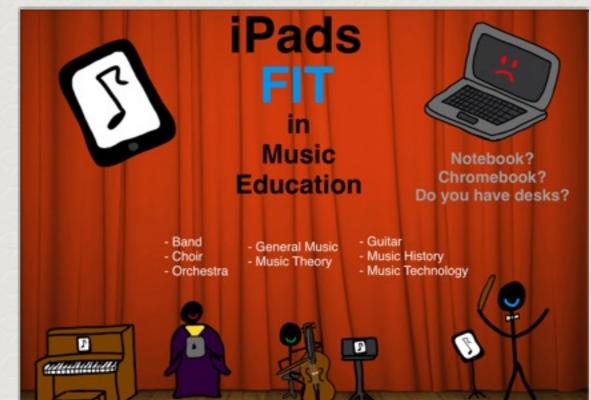
Android, Chromebook, and Windows Christopher J. Russell, Ph.D.

## The Playing Field Isn't Level

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









#### 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

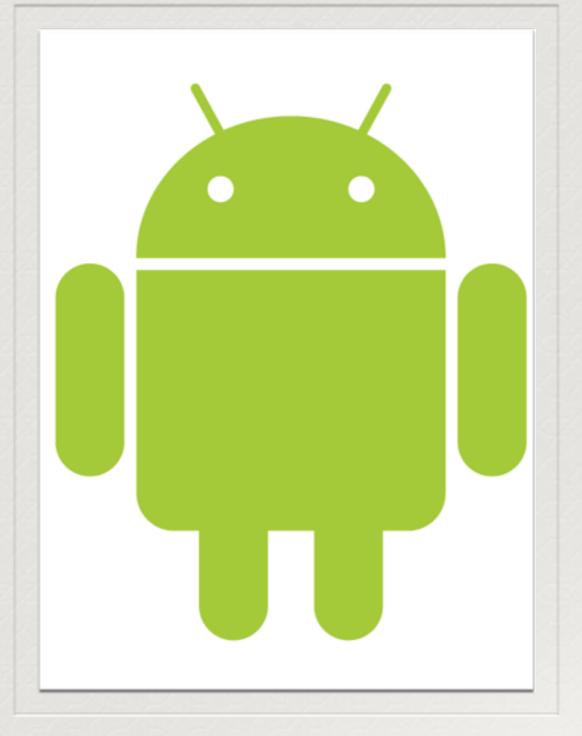
- musicfirst.com
- YouTube
- GAFE
- Websites (Wordpress, Weebly, etc.)
- Kaboot
- Poll Everywhere

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

- Google Classroom
- Edpuzzle (flipping video with interactive components)
- Padlet
- Today's Meet
- Prezi
- <u>superteachertools.com</u>
- 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
- Clear Tune \$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 Smart Music
- You can run a SMART Board connected to a Windows Tablet

What are some of YOUR favorite Windows apps?

Check out <u>musicedmagic.com</u> for Chad Criswell's article on "High Tech on a Low Budget"

#### Questions? Comments?

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www.techinmusiced.com

