

The iPad and Choral Music

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The Evolution of Pedagogy

- ✦ *Schools throughout the world are rapidly adopting 1:1 technology plans*
- ✦ *Examples: iPad, Chromebook, BYOD*
- ✦ *At what level are music classes adopting technology?*
- ✦ *At what level are choirs adopting technology?*

Anachronistic

- ✿ *anach·ro·nism noun \ə- 'na-krə- ,ni-zəm*
- ✿ *: something (such as a word, an object, or an event) that is mistakenly placed in a time where it does not belong in a story, movie, etc.*
- ✿ *: a person or a thing that seems to belong to the past and not to fit in the present*

*“If we teach today as we taught yesterday,
we rob our children of tomorrow.”*

—John Dewey

*“Do not confine your children to your own learning,
for they were born in another time.”*

—Chinese Proverb

“Are you a futurecator or a pastucator?”

–Marc Presky

SAMR & RAT

- ★ *SAMR*

- ★ *Substitution*
- ★ *Augmentation*
- ★ *Modification*
- ★ *Redefinition*

- ★ *RAT*

- ★ *Replace*
- ★ *Amplify*
- ★ *Transform*

SAMR & RAT

- ✦ *First FIND new technology*
- ✦ *Then PLAY with that technology (LEARN)*
- ✦ *Then SUBSTITUTE or REPLACE*

Why the iPad?



★ *Apps*

★ *Form Factor*

★ *Reliability*

★ *Accessories*

Old Reasons

- ★ *Things that once set the iPad apart:*
 - ★ *Battery life*
 - ★ *Weight*
 - ★ *Size*
 - ★ *Friendly OS (Operating System)*

Why **NOT** the iPad?



- ✦ *Cost*
- ✦ *Anti-Apple*
- ✦ *No Keyboard*
- ✦ *“Core” Requirements*

Other 1:1 Tech You Might See

- ✿ *Chromebooks*
- ✿ *BYOD*
- ✿ *MacBooks*
- ✿ *Windows Notebooks or Tablets*
- ✿ *Android*

Every other device is much more difficult
to integrate into music (and choir)

"When people say, 'I like using tech but it never works in my school,' I know they aren't using iPads."

—Patrick Forgarty

So...how can I use the iPad in choir?

- ✿ *Different forms of integration:*
 - ✿ *Teacher only (likely your personal iPad)*
 - ✿ *Student only (rare, but it happens)*
 - ✿ *I:I*
 - ✿ *Small number of iPads*

So...how can I use the iPad in choir?

- ✦ *Focus on SUBSTITUTION (or REPLACEMENT)*

first

I think of the iPad as a swiss army knife when it comes to usefulness



10 Substitution/Replacement Applications

Application #1: Sheet Music

- ✦ *The iPad is almost the perfect size as a choral octavo*
- ✦ *Many wonderful apps; **forScore** is the best for advanced students and teachers. For students, **NextPage** has the bare essentials, **PiaScore** is free (but has distractions)*
- ✦ *Convert sheet music to PDF files (I prefer the Canon small scanners, such as the P-215)*
- ✦ *In an emergency, **Scanner Pro** can work wonders*

Application #1: Sheet Music

- *Set lists*
- *Metadata*
- *Annotation*
- *Sharing files*
- *Link Audio*
- *Pop-Up Piano*
- *Pop-Up Pitch Pipe*
- *Dropbox integration*
- *Access to your music, anywhere, any time*
- *Metronome*
- *Links/Hotspots*
- *Wireless page turning (with accessories)*

Application #2: Mirroring

- ✿ *Wired (\$50 adapter!)*
- ✿ *Wireless*
 - ✿ *Apple TV*
 - ✿ *Reflector, AirServer, or X-Mirage (Mac Only)*
- ✿ *Audio is mirrored, too!*
- ✿ *The iPad can serve as a document camera*
- ✿ *Students can use as a mirror (vowel shapes)*

Application #3: Warm-Ups

- ✿ *Create warm-ups (or scan them), and insert them into a **Keynote** (now free with every new iPad)*
- ✿ *Get eyes up on the board*
- ✿ *Also great for announcements*

Application #4: Attendance

- ✦ *iDoceo* (app that is a gradebook and more)
- ✦ *Attendance 2* (Make QR codes and have students scan in)
 - ✦ *Great for tours, too (also works with iPhone)*

Application #5: Sight Reading

- ✿ *I like the “choir book” approach...it gets eyes up for sight-reading (you do need a large screen for a large room)*
- ✿ *Scan materials, use mirroring*
- ✿ *SmartMusic (various resources)*

Application #6: Accompanist

- ✦ *Linked audio files in **forScore***
- ✦ *Finale/Sibelius/MuseScore/Notion files exported as MusicXML files and imported into **Notion for the iPad***

Application #7: Recording

- ✿ *Many great recording apps, including **Hokusai Audio Editor** (free) and **Twisted Wave***
- ✿ *Various external microphones are available (these usually use the USB connection kit)*

Application #8: Sectionals

- ✿ *No pianos or piano players?*
- ✿ *Create audio files for each section, and import them into the iPad.*
- ✿ *Link the section's audio part with the score in forScore*
- ✿ *Send sections to rehearse with a Bluetooth speaker (no wires, no power cord)*
- ✿ *On a related note, tracks can be sent to students or linked on web pages for individual rehearsal on sectional parts)*

Application #9: Solos

- ✿ *Utilize SmartMusic on the iPad for solo preparation.*
- ✿ *Students will need a printed copy of the score, as all the vocal literature is “legacy” SmartMusic content (no music on the screen)*
- ✿ *Create rehearsal audio files on the iPad & distribute to students*

Application #10: Communication

- ✿ *Stay in touch with students*
- ✿ *Be very careful: Facebook is not recommended, Twitter accounts should be institutional-only, and no personal texting*
- ✿ *Remind 101: Making safe use of texting*

And So Much More...

- ✦ *Organizational (e-mail, documents, spreadsheets, GAFE)*
- ✦ *Instruments (iPad is Core MIDI compliant)*
- ✦ *Other Content (Theory, Guitar, Music Technology)*
- ✦ *Entertainment (Games, Movies, Books, Video Clips)*

With every new generation of the iPad, the more functions the iPad is able to handle (thanks to the work of so many wonderful developers)

If you are in a 1:1

- ✦ *Use the iPads. **USE THE iPADS!***
- ✦ *Set clear expectations and consequences*
- ✦ *Students will go off task at times*
- ✦ *Consider a sheet music app that doesn't offer too many features (**NextPage**)*
- ✦ *Always have a plan in case things don't work (app, Internet, GAFE, etc.)*

Even if you are not in a 1:1

- ✿ *Your students/choir members may already be 1:1 (permission given or not)*
 - ✿ *Try to leverage the technology they have*
 - ✿ *Does your school allow student technology?*
- ✿ *Be aware of the dangers of technology*
 - ✿ *General Distractions*
 - ✿ *Video*
 - ✿ *Social Media (Facebook, Vine, Twitter, Instagram)*

10 Great Apps

- *forScore*
- *NextPage*
- *Keynote*
- *SmartMusic*
- *Notion for iPad*
- *Attendance 2*
- *NotateMe*
- *Numbers*
- *Notability*
- *PDF Expert*

Great Accessories

- ✦ *Stylus: Boxwave Evertouch Capacitive Stylus or Adonit Fot (Pro)*
- ✦ *Keyboards: Zagg or Logitech*
- ✦ *iPad Stands: The Gig Easy*
- ✦ *Bluetooth Foot Pedal: AirTurn*
- ✦ *Case: Grabbit or Gladius Air by New Trent*
- ✦ *Coming soon: Miselu C.24 Keyboard Case*

Free PDF Resources

- ✦ *Choral Public Domain Libray (CPDL.org)*
- ✦ *International Music Score Library Project (IMSLP.org)*
- ✦ *Art Song Central (artsongcentral.com)*

Questions?

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iPads in Music Education
(iBookstore)