

# Disclaimer

- Technology is a tool that should never substitute for sound teaching practices.
- Teaching programs can be very effective when used alongside instruction.

# Smartboards

- ◉ Instead of going to your computer you can stay actively involved.
  - ◉ play DVD's of musical performances
  - ◉ record the Ensemble
  - ◉ attendance (students sign-in)
  - ◉ create daily warm-ups
  - ◉ tuning
  - ◉ assessment
- ◉ SmartMusic!
    - ◉ "play by ear"
    - ◉ accompaniments
    - ◉ "play along"

The SMART Board allows you to make a different warm-up depending on the pieces you are studying. Ensure your students are looking at the screen to lessen any distractions. They can view the notes as they are warming up.

Audacity (sound wave display)

Tuning - visual experience, demonstrate pitch tendencies (to sections and whole ensemble)

Assessment - built-in program, peer evaluation

Having the students always sing and count with the accompaniment builds a great sense of pitch in the students. I have found that after two solid years of singing and playing, my students have an incredible sense of pitch and play very well in tune.

"play along"

- watch, listen and play
- VicFirth rudiments (notation and sticking)
- play along examples

# Websites and Resources

- [www.musictechteacher.com](http://www.musictechteacher.com)
  - huge resource of games, lessons, quizzes, news and more!
- [www.musictheory.net](http://www.musictheory.net)
  - note and key identification games, ear training with chords and intervals.
- [www.teoria.com](http://www.teoria.com)
  - rhythmic dictation, ear training
- [www.therhythmtrainer.com](http://www.therhythmtrainer.com)
  - 1) listen and dictate, 2) read, listen, and match
- [www.philtulga.com/counter.html](http://www.philtulga.com/counter.html)
  - counting machine (numeric, Kodaly, Gordon, French)

music theory

- great! (lessons/exercises/tools)

the rhythm trainer

- great rhythm activity

phil tulga

- creepy counting...

# iPad

# iPod

# iPhone

- TeacerPal or Teacher's Assistant Pro
- Tap Forms Database
- Cleartune
- Theory Calc
- Theory and Tenuto
- Musictionary
- Dr. Betotte TC
- PDF Music Readers



## 1. Teacher's Assistant Pro

Perfect for busy teachers, Teacher's Assistant Pro allows users to track students' behaviors, infractions, and achievements quickly and easily. Incidents on student behavior and achievement can be documented in real time and reports can be sent to parents and administrators instantly via email. Organizing important documents is also simple and clutter free. The app can be customized to fit your classroom needs.

Tap Forms Database This application allows me to record important data about each band student. I can customize my own forms and record their name, instrument, locker number, etc. I can also add a recording of a solo performance. It's a highly versatile app that has endless possibilities.

Dr. Betotte TC = "Dr. Beat"

For more apps: <http://technmusic.ed.files.wordpress.com/2012/02/secondary-app-list.pdf>

Use an iPad the same way as a Smartboard with a VGA cable...

# Quaver's School Program

- 30 Teacher Guides
- 30 Video Episodes
- 30 Online Quaver Classrooms



- over 100 reproducibles (print-outs)
- 15 DVD's
- 300+ Audio Tracks
- Episode-specific quizzes
- 80+ IWB Resources
- Access to QuaverMusic.com (kid's website)
- Original Song Scores

Silver-Burdett

# Making Music

- 🌐 Online Resources
- 🌐 CD's, DVD's, Software
- 🌐 Electronic Big Book
- 🌐 Animated Listening Maps

- lesson planner

resources

- online teacher resources

- online student resources

audiobytes

- lives and accomplishments of composers

- info and sounds of instruments

- interviews

animated listening maps

- listening and understanding music

# Be Creative!

🌐 Composition Lab

🌐 iPad Band

🌐 <http://www.youtube.com/watch?v=88Z8lojsWdQ>

🌐 Student Sign-Out

## Comp Lab

- set up a computer/iPad station where students can compose/arrange solos, duets and small ensemble works to be played in class or at a concert. composition is one of the highest levels of learning and students desire and enjoy creating their own music.

- Students can also notate and record their own music.

## ipad Band

- If your school has a iPad studio cart, one great opportunity can be to create an iPad band for after school.

- Lure non-musical students. All levels of musical experience can benefit.

- Combine real and electronic instruments.

## Student Sign-Out

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# Review and More!

- Theory
- Ear Training
- Accompaniment
- Performance Assessment
- Teacher Tools
- Notation
- Creation
- Soft Synths and MIDI
- Blogging and Podcasts
- Resources

## Theory

- websites and apps can be used for theory instruction and theory lessons.
- self directed!

## Ear Training

- set and follow student progress.
- in-class training and home practice.

## Accompaniment

- learn through performance.
- get excited about playing at home.
- timing and intonation.

## Performance Assessment

- graphical
- intonation skills

## Teacher Tools

- transposition/arrangement software

## Notation

- Finale, Sibelius, Print Music

## Creation

- loops (phrasing, chord progressions)

## Soft Synths and MIDI

- orchestration

## Blogging and Podcasts

- use Garageband to make podcasts for students

## Resources

- the internet is an infinite resource for technology, education and music
- blogging and podcasts