# TECHNOLOGY INTEGRATED LARGE ENSEMBLE

## iPads in the rehearsal experience: Moving from apps to application

### **Terms to know**

1:1 - Every student is assigned a device (tablet or laptop)

Google Jockey - Assigning a student to quickly search an idea or questions and present their findings during class

Synchronous - Immediate digital communication

Asynchronous - delayed digital communication

Challenge Based Learning (CBL) - Apple's professional development, similar to Understanding by Design (UbD)

# **Room Set-up**

#### Apple TV

AirServer Strong Wifi Signal Teacher Device(s)

## Reminders

- This is an evolving processTeachers and students need to
- constantly reflect and be flexible
- Encourage a learning environment that revolves around "Yes And" and students being the teachers
- Have back-up plans
- Don't have devices out unless you are having students actively creating with it



#### Brainstorming Space

Vaughan-Marra

Description of Examples			
Small group video reflection	In-class	Can be completed with a class set of iPads or within a 1:1 learning environment	Camera and Photo Applications
Full ensemble video reflection	In-class	Can be completed with 1 iPad, class set, or 1:1 learning environment	Camera with Photo Application along with Mirroring to Projector via AppleTV
Google Jockey	In-Class	Can be completed with 1 iPad, class set, or 1:1 learning environment	Web browser (Safari) and Mirroring to Projector via AppleTV
Student Performance Assessment Projects	In & Outside of class	Can be completed with a class set of iPads or within a 1:1 learning environment	Document, Slideshow, Movie creation applications
Student Music Composition Videos	In & Outside of class	Can be completed with a class set of iPads or within a 1:1 learning environment	Camera and Photo Applications

About the Presenter

Jessica Vaughan-Marra is currently pursing her Ph.D. in music education with an emphasis in string pedagogy at the University of Michigan (Ann Arbor, MI). She is a native of Pittsburgh, Pennsylvania where she completed her undergraduate degree in Music Education in 2006 at Duquesne University. She received her Master's in Music Education in 2010 from Northwestern University. Before entering the PhD program, she taught instrumental music for nine years in the Cupertino Union School District (Cupertino, CA). In 2012 her school site was the first in the district to implement 1:1 iPads in all classrooms. Along with technology integration into the large ensemble classroom, her students frequently received Superior Ratings at Solo and Large Group Festivals. Jessica has served as a board member of the California Music Educators Association (CMEA) Bay Section as well as the California All-State Music Educators Conference (CASMEC) Special Projects Committee member. In 2012, She received the CMEA Bay Section "Gilbert T. Freitas Award" for outstanding emerging teaching in the field of music education. Her research interests include: new teacher mentoring, instructional technology in the music classroom, and student motivation.

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