AN INTERACTIVE PROFESSIONAL DEVELOPMENT ON FLIPPING YOUR INSTRUCTION: DESIGNING STUDENT PROJECTS

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What is Flipped Instruction?

- **HYBRID** approach to learning
- Create **EXTRA** class time for face-to-face
- Move activities, like **LECTURE** to **HOMEWORK**
- More **INTERACTIVE** and **ENGAGING**

Missildine et al., 2013
What problems does Flipped Instruction solve?

- Differentiated instruction/Address different learning styles (i.e., print, audio/video, etc.)
- Better use of in-class time (i.e., increased time for more engaging instruction); Students can still access instruction when school is out.
- Increased motivation to attend face-to-face classes
- Documented increase in student achievement
- Create a repository of lectures/materials to help increase improvement through time
If it’s so great why isn’t everyone doing it?

• Front loaded (increase prep time & effort)
• Monitoring comprehension & accountability
• No Just-in-time info (can’t answer student questions right when they have them)
• Difficulty complying with Americans with Disabilities Act
• High levels of classroom spontaneity & interaction are hard for more traditional instructors (Guide on the Side vs. Sage on the Stage).
• Temporary drop in student satisfaction (they must take on a more active role and some students have trouble at first)
The PD PLAN

• Second of 3 workshops (tools in all of them)

✓ Presentation Skills Two weeks ago
✓ Group Collaboration TODAY!
✓ In Class Engagement Mar. 11 @ 12:40 PM

Note – if you’d like to see more hands-on technology-based professional developments, please state so in the evaluation. Also, include if you’d like to see a specific technology.
Brief Video Introduction

• FYI – Flipped Instruction is a form of Blended Learning
• Blended Learning: Making it Work in Your Classroom

https://www.youtube.com/watch?v=auzwH1mKZTY

• Specifically notice -
  http://www.youtube.com/watch?v=auzwH1mKZTY&t=3m43s
Presentations (from last time)

• Educreations - http://www.educreations.com/

• EduCannon - http://www.educanon.com

• PowToon - http://www.powtoon.com

• ShowMe - http://www.showme.com
Shadow Puppet

• Make a video, lesson, demonstration, instruction manual, role play, and so on...

• Apple App (PC users may want to check out Animoto)

• How to - https://www.youtube.com/watch?v=fY-cqbVZzVY

• Example - https://www.youtube.com/watch?v=KFGYrkyLT3l
Scratch

http://scratch.mit.edu/

• Solar System 4
  https://scratch.mit.edu/projects/36725244/

• Frozen Quiz
  https://scratch.mit.edu/projects/19714145/
Google Hangout/Skype

• Alan November & Lexington, Massachusetts
  - Battle of Lexington and Concord
    - First battle of the American Revolutionary War
  - Buckman’s Tavern
Google Story Builder

http://docsstorybuilder.appspot.com/builder

• Collaborate on a Doc story. A new tool from Google that lets you create short videos with text animations. This tool is currently available on the web only.

• Example - https://www.youtube.com/watch?v=DohHaQgdypI
Create a Website
• Consider having students making their own websites.
• This may be something to add to their ‘portfolio’ or a learned skill that they can use later.
  o Example: Weebly (www.weebly.com)
Collaborative Organization (Bookmarking)

- **Pearltree** (www.pearltrees.com) - a free service that lets educators and students organize, explore, and share multimedia resources
- Example -
  [https://www.youtube.com/watch?v=XEdR0l-eDQ](https://www.youtube.com/watch?v=XEdR0l-eDQ)
Creating e-Books

• **ibooks Author** (www.apple.com/ibooks-author/) - Free App that lets you create your own iBook with templates, drag-and-drop features, and customizability

• **Flipsnack ebook creator** (www.flipsnack.com) - allows users to make a flipbook (ebook) from scratch or by editing PDF files
Websites to Help Collaboration

• **stormboard.com** (app, too)
  • Brainstorm ideas and then vote on them

• **crocodoc.com**
  • Review and comment on a PDF, document, or image on the internet

• **wiggio.com**
  • Create to-do lists & assign tasks; host virtual meetings; manage a shared calendar; upload & manage files in a shared folder

• **actionmethod.com** (app, too)
  • Set action steps, delegate tasks, manage your project, and can sync for mobile use
The best way to learn technology is to PLAY with it!