

# Take Action: Engage Students in Learning

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# Audience Brainstorm: How Do We Know When Students Are Engaged?

What does it look like?  
What does it sound like?  
What does it feel like?

According to Schlechty (2011), four characteristics are present when a student is engaged: attentiveness, commitment, persistence and the ability to find meaning/value in the task.



*Engaging Students: The Next Level of Working on the Work*

# Action Verbs for Engaging Students in Learning

Collaborate

Search

Analyze

Interact

Post and Comment

Discuss

Debate/Deliberate

Co-Edit

Question/Probe

Read Critically

Polish

Create



# Traditional and Technology-Based Strategies for Engaging Students

- Ticket in the Door/Exit Ticket
- Class Backchannel
- Clickers
- Cell Phone Polling
- Flipping the Classroom
- Web 2.0 Collaboration





# Ticket in the Door/Exit Ticket



- Excellent tool to assess knowledge
- <http://service.columbia.k12.mo.us/lhagen/files/2013/07/Exit-Entrance-Slip-explanation-examples.pdf>

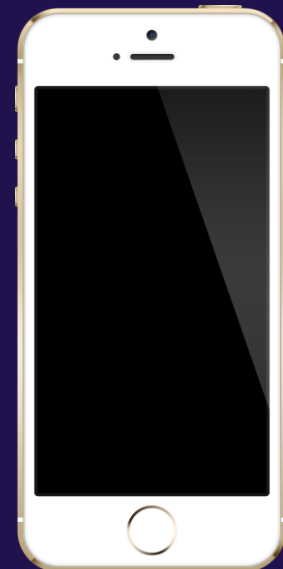
# Class Backchannel



- A "Backchannel" will allow an online conversation to occur simultaneously with a class session or presentation.
- <http://www.edutopia.org/blog/backchannel-student-voice-blended-classroom-beth-holland>
- <http://www.freetech4teachers.com/2010/01/five-platforms-for-classroom-back.html#.VD6WLfldVTA>

# Clickers/Cell Phone Polling

- Polling is a fast way to assess current belief systems and student knowledge on an instructional topic.
- [http://www.freetech4teachers.com/2013/03/four-good-alternatives-to-clicker.html#.VD6YR\\_ldVTA](http://www.freetech4teachers.com/2013/03/four-good-alternatives-to-clicker.html#.VD6YR_ldVTA)



# Flipping the Classroom

**Basic Concept:** A flipped class is one that inverts the typical cycle of content acquisition and application so that students gain necessary knowledge before class, and instructors guide students to actively and interactively clarify and apply that knowledge during class.

**Why Flip?** Students can learn at their own pace from home; Increases student-teacher interaction; Increases student-student interaction; Speaks the interactive language of today's students.

Traditional Classroom		Flipped Classroom	
Activity	Time	Activity	Time
Warm-up Activity	5 min.	Ticket in the Door	5 min.
Homework Review	20 min.	Frame the Lesson	10 min.
Lecture New Content	30-45 min.	Interactive application of content; Active clarification of knowledge and concepts	75 min.
Guided & Independent Practice &/or Lab Activity	20-35 min.		



# What does “flip” look like?



# Evolution of the Web

## Web 1.0

- Application based
- Isolated
- Offline
- Licensed or purchased
- Single creator
- Copyrighted content

## Web 2.0

- Web based
- Collaborative
- Online
- Free
- Multiple collaborators
- Shared content

**Social Media = facilitates communications between users**

**Augmented Reality= Bridge the gap between the online world and the off line world**

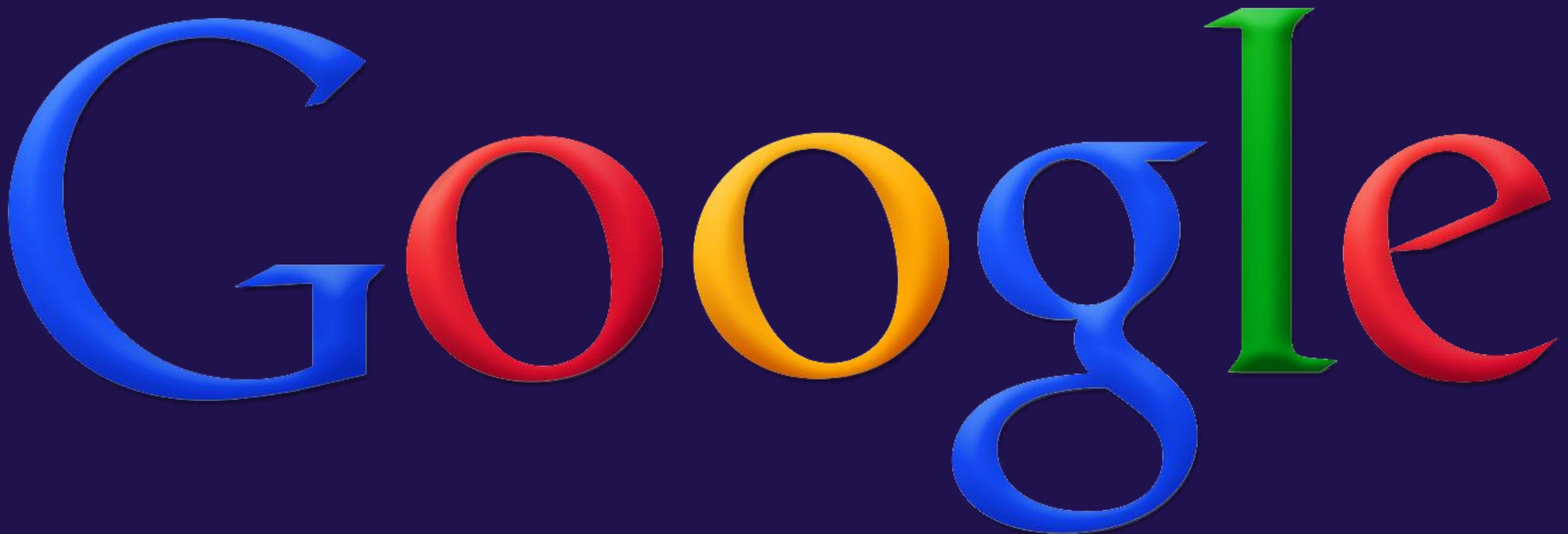


# Benefits of Collaboration Applications

- Enable students to gain critical virtual team-based skills
- Allow faculty to monitor/track progress
- Allow faculty to measure who has contributed to the project
- Allow faculty to provide students with real-time scaffolding/feedback
- Allow faculty to work with colleagues on research projects

# Web 2.0 Collaboration

- Google Docs
- Prezi/Google Presentations
- Google Forms
- Google Hangouts/Zoom/Skype





# Google Docs

Google Docs allows you to create and SHARE word processing files that are comparable to MS Word documents. All changes/updates are saved to the 'cloud'.

## Examples of Use in the College Classroom:

- Brainstorming Sessions
- Writing Collaborative Papers (Face-to-Face and Virtual Classes)
- Course Notes
- Posting Comments and Other Notes on Students' Papers
- Posting Syllabi and Other Important Documents

# Google Presentations & Prezi

Google Presentations allows you to create and SHARE presentations files similar to that of MS PowerPoint. The documents are stored online, and you can access and edit them from any computer with an internet connection.

This presentation was created using Google Presentations!

## Example of Using Google Presentations in the Classroom:

- Creating Instructor Visual Aids in Google Presentation or Prezi
- Group Presentations

# Google Forms

Google Forms allows you to create and SHARE surveys and questionnaires. The forms can be sent via links for participants to fill out, and results can be viewed by multiple collaborators.

## Example of Use in the Classroom:

- Pre and Post Course Assessments (Informal)
- Undergraduate Research Surveys
- Informal Polls During the Lecture

# Web 2.0 Caveats

The use of Web 2.0 Tools in the classroom should be deliberate and strategically integrated into the curriculum.

- Upfront Planning
- Upfront Testing
- Time/Support/Training
- Team Approach  
Curricular Integration



# Challenge

You can become **advocates** for the effective use of Web 2.0 tools in the college classroom.

## **Ticket Out the Door:**

Incorporate at least one Web 2.0 tool into your instructional strategies for the fall semester.



Q & A...Thoughts?

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