

Using Online Resources to Engage Students

FLIPPING YOUR CLASSROOM



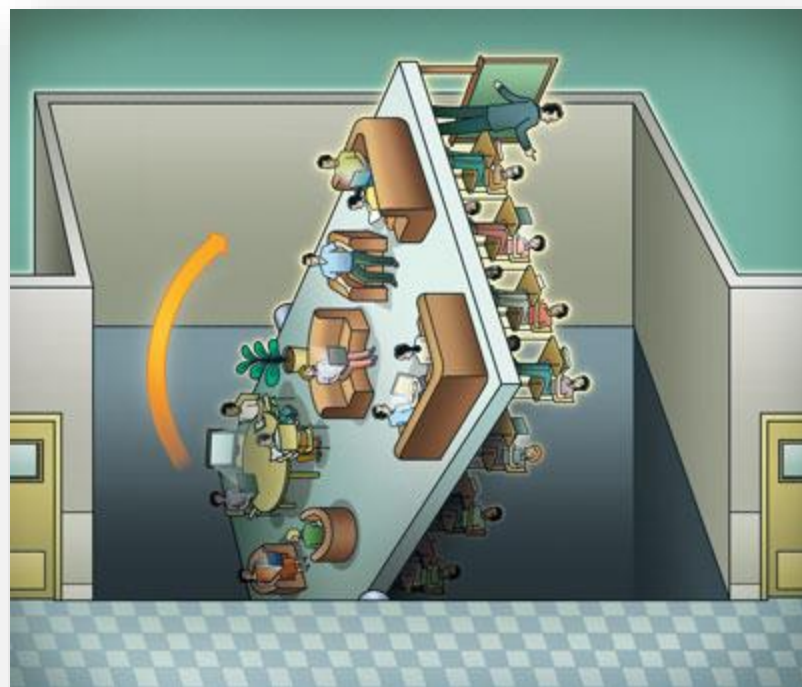
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<http://bit.ly/macewanflip>

Outline

- What is it?
- Does it work?
- What resources can you use?
 - Free online
 - From the library



What is it?

Flipping the Classroom: Simply Speaking



What is it?

The Traditional Classroom

Teacher's Role: Sage on the Stage



The Flipped Classroom

Teacher's Role: Guide on the Side



Limitations

- More preparation time required
- Students must have access to technology at home
- Students may be resistant
- Must have incentive to do the homework

Does it work?

- Preliminary research from TechLearning (K-12) online survey
- Of 453 flipped educators surveyed:
 - 88% said flipping improved their own job satisfaction
 - 67% reported improved student test scores
 - 80% reported improved student attitude
 - 99% said they would do it again next year

<http://www.techlearning.com/magazine/0007/what-do-teachers-whove-flipped-their-classrooms-have-to-report/52785>

Does it work?

Clintondale High (2011)

- Failure Rate Decrease
 - English: 33%
 - Math: 31%
- Discipline cases decreased 66%

<http://flippedhighschool.com/>

Byron High (2011)

Proficiency Increase

- Calculus: 9.8%
- Math: 8.2%

Fulton, K. (2012). Upside down and inside out: Flip Your Classroom to Improve Student Learning. *Learning & Leading With Technology*, 39(8), 12-17.

How do I get started?

- Start small: Flip a lesson or unit
 - What causes confusion?
 - What causes boredom?
 - What is essential/critical/must know?
- Use already recorded material
- Assess homework, as well as in class activities
- Reach out

Resources: Free Online



KHAN
ACADEMY



TEDEd
Lessons Worth
Sharing

TED Ideas worth
spreading

Resources: Library

- Films on Demand
- National Film Board (NFB)
- Naxos Video Library
- Theatre in Video
- Counseling and Therapy in Video
- Streaming DVDs



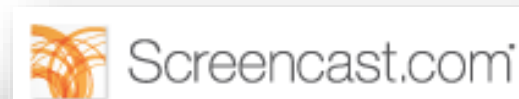
Resources: You

- Screencasting tools

- Fee



- Free



- Post to Blackboard or Youtube

Learn more...

- Salman Khan: Let's use video to reinvent education:
http://www.ted.com/talks/salman_khan_let_s_use_video_to_reinvent_education.html
- Bergmann, J., & Sams, A. (2012). Flip your classroom: Reach every student in every class every day. Eugene, OR.: International Society for Technology in Education. [also available as an eBook]
- Barkley, E. F. (2010). Student engagement techniques: A handbook for college faculty / Elizabeth F. Barkley. San Francisco, CA: Jossey-Bass. [also available as an eBook]

Discussion

- Share with your group one lesson/topic you could flip. What homework activity would you use? What in class activity would you use?
- Do you think flipping will work for you and your students. Why or why not? What are your concerns?

Questions?

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