

FLIPPED CLASSROOM

| Model for Innovation and Student Achievement |

What is “flipping”?

Flipping a classroom takes the content knowledge and puts it in student controlled videos.

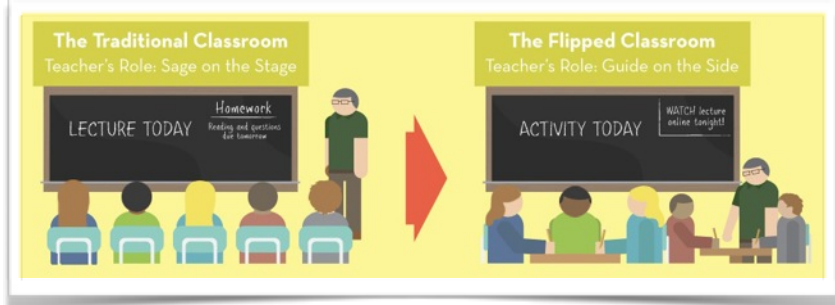
Students watch these videos on their own time, at their own pace, and as many times as needed.

Classroom time is then used for application of knowledge, hands on activities, working through problems, asking questions, and differentiation.

Why flip?

Flipping encourages student centered learning.

- It allows for active , ‘hands on’ learning in class.
- Puts critical content and vocabulary in the hands of students at home.
- Provides students with tools to access what they miss.
- Engages students!



-The Flipped Classroom Infographic , Knewton

Flipping in Practice

Content Videos

- Short and engaging (10min or so) with questions to assess understanding.
- Students access videos online and can pause, stop, go back, review, and learn at their own pace!
- Always Contains: lecture content, important vocabulary, what to prepare for the lesson, and incentive to watch.
- Might Contain: preview for the week, how to complete assignments, or review.

Two Types of Live Class Time:

Type 1: *Class Connects*

- Live interactive time for students to apply and anchor knowledge from content videos.
- Might include: activities, peer discussions, games, labs, or review.
- Scaffolds information to increase student success.

Resources

The flipped classroom is becoming popular model among educators and many resources are available online.

- Flipped Learning Network
Flippedlearning.org
- Knewton: The Flipped Classroom infographic
knewton.com/flipped-classroom
- Center of Teaching
cfg.vanderbelt.edu/guides-sub-pages/flipping-the-classroom
- Edutopia Blogs edutopia.org/blogs/tag/flipped-classroom
- New York Times
opinionator.blogs.nytimes.com/2013/10/09/turning-education-upside-down/

Type 2: *On Track Together*

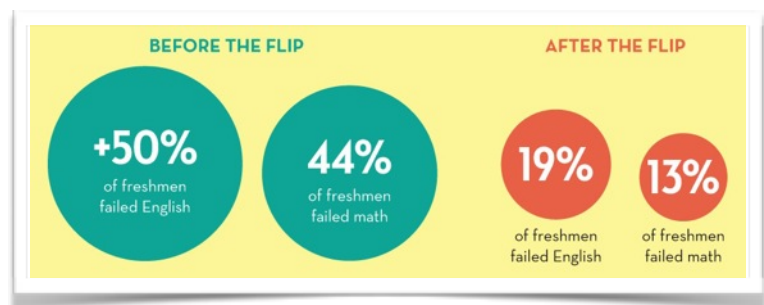
- Students have in-class work time to complete assignments, get clarification from the teacher, work with peers, or complete course readings.
- Creates time and space for differentiation in class.
- Students can self select what they need to complete or teachers can request they work on a particular topic.

Student Achievement

Numerous case studies for the flipped classroom model exist and data continues to be analyzed to measure achievement.

Trends:

- Increases student engagement, agency, and independence.
- Stimulates collaborative learning, experimentation, and content mastery.
- Allows students access to content anywhere; reducing student stress.
- Increases teacher's time with students in-class to answer questions, differentiate learning, and identify knowledge gaps.



-The Flipped Classroom Infographic, Knewton

My findings:

Students like it. The videos help them feel prepared and allow them to plan their week. They are more engaged during active class sessions, participate more in discussions because they know what to expect, and tend to complete more of the assigned readings. Additionally, I have seen an increase in the quality of written assignments and test scores.