

## Flipping Your Learning/Classroom - Videos & Articles

### Required Viewing (total time = 00:41:35)

***I Flip, You Flip, We All Flip: Setting Up a Flipped Classroom (runtime = 00:24:09) - Required***

Keith Hughes

<https://www.youtube.com/watch?v=ZRvmjjeZ9CA>

“So you want to flip your classroom? In this how-to video I will explain the idea behind flipping, some things to think about as you begin and some concrete steps to getting your first lecture video up on the Internet. Special thanks to Ken Halla for the idea.”

***What a 'flipped' classroom looks like (run time 00:07:41) - Required***

[https://www.youtube.co/watch?v=G\\_p63W\\_2F\\_4](https://www.youtube.co/watch?v=G_p63W_2F_4)

“Clintondale high school, just outside of Detroit, is the nation's first completely flips school, meaning teachers record lectures for students to watch online outside of class; and what was once considered homework is now done in class, allowing students to work through assignments together and ask teachers for help if they run into questions.”

***Teaching for Tomorrow: Flipped Learning (runtime = 00:02:52) - Required***

[https://www.youtube.com/watch?v=4a7NbUIr\\_iQ](https://www.youtube.com/watch?v=4a7NbUIr_iQ)

“How students are learning is changing, just ask Aaron Sams, a Flipped Learning Pioneer. In Flipped Learning, students watch podcasts of their teacher’s lectures on their own time and then spend their time in the classroom applying what they’ve learned at home. This allows students to learn at their own pace with the ability to pause rewind or watch the lecture and instructions as many times as they want.”

***Reflections on the Flipped Classroom (runtime = 6:53) - Required***

<https://www.youtube.com/watch?v=4tYDiOYyjiw>

Paul Andersen reflects on the flipped classroom.

### Highly Recommended (total time = 00:35:56)

***Salman Khan: Let's use video to reinvent education (runtime = 00:20:23) Highly Recommended***

[http://www.ted.com/talks/salman\\_khan\\_let\\_s\\_use\\_video\\_to\\_reinvent\\_education](http://www.ted.com/talks/salman_khan_let_s_use_video_to_reinvent_education)

“Salman Khan talks about how and why he created the remarkable Khan Academy, a carefully structured series of educational videos offering complete curricula in math and, now, other subjects. He shows the power of interactive exercises, and calls for teachers to consider flipping the traditional classroom script — give students video lectures to watch at home, and do “homework” in the classroom with the teacher available to help.”

***Showing the Differences between a Traditional and a Flipped Classroom (runtime - 00:06:51) - Highly Recommended***

<https://www.youtube.com/watch?v=yzMFdDT6FSA>

“This video compares a traditional to a flipped class. Two classes were filmed 1 year apart and are simultaneously to illustrate the difference.

<http://www.FlippingPhysics.com> (Lecture Notes, Video Groupings)

Click Times for Content:

0:23 The basic difference between Traditional and Flipped

1:22 Time-Lapse of the Traditional Classroom

1:48 More time for assessment

2:27 More time for students to ask their teacher questions

3:41 Traditional is Teacher Centered & Flipped is Student Centered 4:05 More time for demonstrations

4:48 Listening to the differences

5:45 The Summary

Next Video: How to Flip a Classroom -- Inside and Out

<http://www.flippingphysics.com/how-to-flip.html>

Example Flipping Physics Videos:

- Common Free-Fall Pitfalls:

<http://www.flippingphysics.com/common-free-fall-pitfalls.html>

- Analyzing the Apollo 15 Feather and Hammer Drop

<http://www.flippingphysics.com/apollo-15-feather-and-hammer-drop.html>

***Preparing Students for a Flipped Classroom (runtime 00:02:14) – Highly Recommended***

by EducationScribelife

<http://www.youtube.com/watch?v=WEMGzbAyRj8>

***Flipped Classroom Examples (runtime 00:06:28) – Highly Recommended***

<https://www.youtube.com/watch?v=NHVi90Ih-Bc>

“examples of videos used for flipping classrooms across several disciplines i.e. math, science, language arts, history, foreign language, track and field”

***Flipping the Classroom Training – Highly Recommended***

<http://www.atomiclearning.com/flipped-classroom-training2>

“Are you thinking of flipping your classroom but aren’t sure how? Or maybe you just want some PD tips on creating educational videos. This training series provides an overview of what flipped learning is and then provides tips and tricks for creating your videos.”

**Optional (total time = 01:08:40)**

***The Flipped Classroom (runtime = 00:02:15) - Optional***

<https://www.youtube.com/watch?v=2H4RkudFzlc>

Peer into Aaron Sams’ classroom as he explains why he flipped his classroom. Aaron Sams, along with Jonathan Bergmann were the first to flip their classes. They currently teach in Woodland Park Colorado and are writing a book about the Flipped Class.

***How to Effectively Flip your Classroom using Khan Academy (runtime = 00:48:11) -***

***Optional***

<http://www.googleappsforedu.com/khan-academy/>

***Flipping The Classroom With FIZZ: Katie Gimbar & Dr. Lodge McCammon at TEDxNCSU (runtime = 00:18:14) - Optional***

<https://www.youtube.com/watch?v=a5bYuYvl42I>

...”The FIZZ method of teaching utilizes one-take videos and online publishing to remove the traditional lecture from the classroom to effectively engage and challenge students through differentiated lessons and collaborative learning. More information about Katie Gimbar's classroom can be found on her class website

(<http://durantroadms.wcpss.net/web/blog/archives/344>)

## **Articles:**

**May 2014 Learning and Leading - Flipped Learning - Pages 18-23**

[http://www.learningandleading-digital.com/learning\\_leading/may\\_2014#pg20](http://www.learningandleading-digital.com/learning_leading/may_2014#pg20)

**Defining Flipped Learning**

<http://blogs.atomiclearning.com/defining-flipped-learning>

**Flip Your Students' Learning**

*Aaron Sams and Jonathan Bergmann*

<http://www.ascd.org/publications/educational-leadership/mar13/vol70/num06/Flip-Your-Students'-Learning.aspx>

**Flipped Classroom - The Flipped Classroom Infographic**

A new method of teaching is turning the traditional classroom on its head.

<http://www.knewton.com/flipped-classroom/>

**Flipped Classroom**

<http://excitingtechnology.pbworks.com/w/page/64795027/Flipped%20Classroom>

**How one school turned homework on its head with ‘flipped’ instruction**

<http://www.pbs.org/newshour/rundown/what-does-a-flipped-classroom-look-like-2/>

**How to Make Flipped Learning Work in Education**

[http://www.eclassroomnews.com/2014/03/13/make-flipped-learning-work/?utm\\_content=buffer1943f&utm\\_medium=social&utm\\_source=twitter.com&utm\\_campaign=buffer](http://www.eclassroomnews.com/2014/03/13/make-flipped-learning-work/?utm_content=buffer1943f&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer)

**What is a Flipped Classroom?**

<http://stcloudasd742.mn.schoolwebpages.com/education/components/scrapbook/default.php?sectiondetailid=19480>

**FLN Shares its Four Pillars of Flipped Learning**

<http://thejournal.com/articles/2014/03/12/fln-announces-formal-definition-and-four-pillars.aspx>

**Free App Lets Teachers Create High Quality Flipped Video on iPads**

<http://thejournal.com/articles/2013/10/09/with-this-free-app-teachers-create-high-quality-flipped-video-on-ipads.aspx?=THEMOB>

**Honing the Flipped Classroom**

<http://thejournal.com/articles/2013/09/25/honing-the-flipped-classroom.aspx?=&THE21>

### **Should You Flip Your Classroom?**

<http://www.edutopia.org/blog/flipped-classroom-ramsey-musallam>

### **Five Best Practices for the Flipped Classroom**

<http://www.edutopia.org/blog/flipped-classroom-best-practices-andrew-miller>

### **The Flipped Classroom: Pro and Con**

<http://www.edutopia.org/blog/flipped-classroom-pro-and-con-mary-beth-hertz>

### **Report: Interest in Flipped Classrooms Surpasses Other Digital Learning Trends**

<http://thejournal.com/articles/2014/03/21/report-interest-in-flipped-classrooms-surpasses-other-digital-learning-trends.aspx>

### **Flipping To Adapt to Multiple Learning Styles at Minnesota State University**

<http://campustechnology.com/articles/2013/03/27/flipping-to-adapt-to-multiple-learning-styles-at-minnesota-state-university.aspx?=&CT21>

### **16 flipped learning uses in K-12 and college classrooms**

[http://www.educationdive.com/news/16-flipped-learning-uses-in-k-12-and-collegeclassrooms/74311/?utm\\_medium=email&utm\\_campaign=Education%20Dive%20created%2020121119%20091012642323&utm\\_content=Education%20Dive%20created%2020121119%20091012642323+CID\\_5a81e7b506554f4b9b4fd55501cf2e36&utm\\_source=campaignmonitor&utm\\_term=16%20flipped%20learning%20uses%20in%20K-12%20and%20college%20classrooms](http://www.educationdive.com/news/16-flipped-learning-uses-in-k-12-and-collegeclassrooms/74311/?utm_medium=email&utm_campaign=Education%20Dive%20created%2020121119%20091012642323&utm_content=Education%20Dive%20created%2020121119%20091012642323+CID_5a81e7b506554f4b9b4fd55501cf2e36&utm_source=campaignmonitor&utm_term=16%20flipped%20learning%20uses%20in%20K-12%20and%20college%20classrooms)

## **Web Resources**

### **Flipped Learning Network**

<http://www.flippedlearning.org/definition>

### **Flipped Classroom**

<http://www.knewton.com/flipped-classroom/>

### **What is the Flipped Classroom?**

[http://ctl.utexas.edu/teaching/flipping\\_a\\_class/what\\_is\\_flipped](http://ctl.utexas.edu/teaching/flipping_a_class/what_is_flipped)

### **7 Things you should know about... Flipped Classroom**

<http://net.educause.edu/ir/library/pdf/eli7081.pdf>

### **Flipped Learning: A Response To Five Common Criticisms**

<http://novemberlearning.com/educational-resources-for-educators/teaching-and-learning-articles/flipped-learning-a-response-to-five-common-criticisms-article/>

### **Flipped Learning Gateway to Student Engagement (ISTE Publications)**

<http://www.iste.org/store/product?ID=3014>

**Flipped Learning (flippedlearning) on Twitter**

<https://twitter.com/flippedlearning>

**Edutopia.org**

[http://www.edutopia.org/search/apachesolr\\_search/flipped%20learning](http://www.edutopia.org/search/apachesolr_search/flipped%20learning)