



## Flipped Learning: Pathway to Student Success

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**Description:** Reversing the traditional lecture and homework elements and integrating engaged-learning activities transitions a class from a teacher-centered to a learner-centered environment. This completely changes the classroom dynamics and makes students more responsible for their own learning. Student attendance, engagement, participation, and conceptual understanding will sharply increase and result in vastly improved student learning outcomes. Come explore the possibilities offered by the flipped classroom model, engage with other participants, and leave with a variety of interactive engagement activities that can be implemented immediately. An ideal addition to any student success initiative.

**Presenter:** Erik Christensen, P.E. holds engineering degrees from the U.S. Naval Academy and the Massachusetts Institute of Technology. He currently is the Dean of Applied Sciences and Technologies and has taught physics, astronomy, and astrobiology at South Florida State College. Erik has been flipping his classes since 2013 and has seen monumental increases in student engagement and success.

### Good Resources:

Flipped Classroom Online Certification Programs

- [Sophia.org](http://Sophia.org)
- [learn.flglobal.org](http://learn.flglobal.org)

Jon Bergman

- *Flip Your Classroom: Reach Every Student in Every Class Everyday*
- *Flipped Learning: Gateway to Student Success*
- *Flipped Learning for Science Instruction*
- *Flipped Learning for Math Instruction*
- *Flipped Learning for Social Studies Instruction*
- *Flipped Learning for English Instruction*
- *Flipped Learning for Elementary Instruction*

Crystal Kirch

- *Flipping with Kirch: The Ups and Downs from Inside My Flipped Classroom*

Springer Books

- *The Flipped College Classroom: Conceptualized and Re-Conceptualized*

# Self-Reflection

How would you **grade** the active engagement that occurs in your class?

What would you like to see **improved**?

## PhotoVoice

Discuss with a partner how the classroom supports flipped learning.

# Flipped Classroom Implementation Planning Worksheet

Target Completion Date	Action				Status
	<b>What course will I try to flip?</b>				
	<b>When will this be implemented?</b>				
	<b>How much of it will I flip?</b>				
	<b>Which activities will I consider using and when?</b>	<b>BEFORE Class</b>	<b>DURING Class</b>	<b>AFTER Class</b>	
	Virtual Self-Reflection				
	Name Tent Plus				
	Course Contract				
	Backup Plan				
	Screencasting				
	Concept Map				
	20/20 Reflection				
	One-Minute Rendezvous				
	Online Discussion Board				
	Online Polling				
	Online Collaborative Whiteboard				
	Videos / Podcasts				
	Cornell Notes Reading Assignment				
	30-Second Expert				
	Guided Inquiry Activity				
	Jigsaw Activity				
	Gallery Walk				
	Matching Exercise				
	Five-Word Exercise				
	In-Class Polling				
	Carousel Activity				
	Exam Review 3x5				
	Shoulder Partner				
	Challenge Problem				
	Post-Class Discussion Board				
	Exam Essay Questions				
	<b>PhotoVoice</b>				
	3-2-1 Activity				

# 3-2-1 Activity – Flipped Learning

<b>3</b>	List three takeaways from today's session
<b>2</b>	List two things you want to learn more about
<b>1</b>	List one thing you are going to share with someone else

**Questions**

**Describe each of these**

1. Visual Self Reflection
2. Name Tent Plus
3. Course Contract
4. Backup Plan
5. Screencasting
6. Concept Map
7. 20/20 Reflection
8. One-Minute Rendezvous
9. Discussion Board Alternatives
10. Online Polling
11. Online Collaborative Whiteboard (Padlet.com)
12. Videos
13. Podcasts
14. Cornell Notes Reading Assignment
15. 30-Second Expert
16. Guided Inquiry Activity
17. Jigsaw Activity
18. Gallery Walk

19. Matching Exercise
20. Five-Word Exercise
21. In-Class Polling
22. Carousel Activity
23. Exam Review 3x5
24. Shoulder Partner
25. Challenge Problem
26. Post-Class Discussion Board
27. Exam Essay Question
28. **PhotoVoice**
29. 3-2-1 Activity

**Websites mentioned:**

Crazyforeducation.com  
www.peerinstruction.net  
Padlet.com  
TED-ed.com  
Screencast-o-matic.com  
Audioboom.com  
padlet.com/erikatSFSC/flipped

