## FLIPPING IN OR FLIPPING OUT? IS FLIPPING FOR YOUR CLASSROOM?

## tlewis-irsc.weebly.com

#### Your poll will show here

1

Install the app from pollev.com/app

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Make sure you are in Slide Show mode

Still not working? Get help at pollev.com/app/help

or

Open poll in your web browser





#### INDIAN RIVER STATE COLLEGE

LOCATION: FORT PIERCE, FL

ESTABLISHED: 1959

TYPE: STATE COLLEGE

MASCOT: PIONEERS

WWW.IRSC.EDU



# 

#### Legislature

- " ALL THE NEWS YOU NEED TO KNOW " Senate Bill 1720,
  - requires restructuring of remedial college preparatory instruction (developmental education) and requires Florida College System institutions to "provide developmental education that is more tailored to the specific communication and computation skills a student needs to
    - develop to be successful in performing college-level work" (The Florida Senate, 2014).
    - requires that colleges will no longer be able to require recent high school graduates to take the state's standard placement test or to enroll in noncredit remedial courses.
      - requires colleges to offer developmental education options a student may pursue while also enrolled in college-credit
        - developmental education can be defined as modularized, compressed, contextualized, or co-requisite coursework.

#### SACSCOC

SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS
COMMISSION ON COLLEGES

Enhancement &

ndian River State Callege

The Root o

- Accreditation is reviewed every 10 Year
- Quality Enhancement Plan (QEP)
- Course redesign of Intermediate Algebra (MAT 1033)

#### Identify the Problem:

Students' failure to progress through math gateway courses

#### The Research Project:

Improve student learning and success in math gateway courses

#### DELIVERY OPTIONS

- \* SE Supplemental Emporium

- \* TR Traditional Classroom
- CL- Collaborative Learning



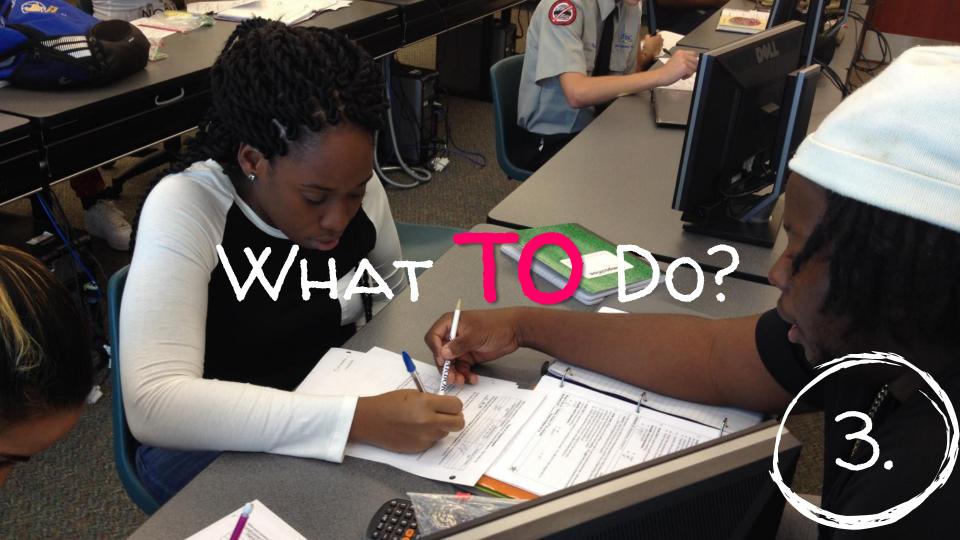
## WHAT NOT TO DO?



#### WHAT NOT TO DO?

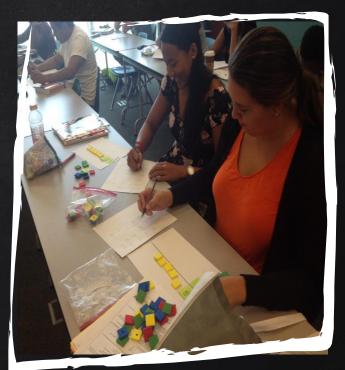
- **% Rush**
- \* Create long video lectures
- \* Come into a flipped class without a plan/schedule/activities
- \* Leave students without expectations
- \* Expect that ALL students have access to a computer
- \* Under estimate the amount of in class activities needed
- ★ Use old/outdated technology
- ★ Use handouts only





#### RESEARCH

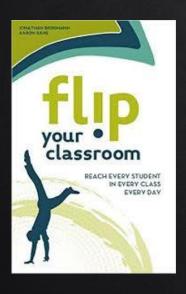
- \* Books, Articles, Published Dissertations
- ₩ Websites
- \* Conferences/Workshops/Webinars
- ℜ Social Medial Outlets

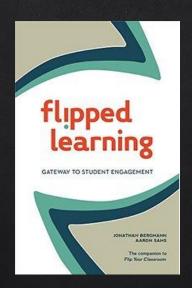


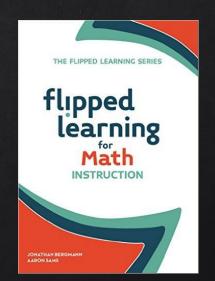
#### TRAINING/PROFESSIONAL DEVELOPMENT

**BOOKS ON FLIPPED LEARNING:** 

by Jonathan Bergmann and Aaron Sams







The Flipped Learning Series:

for English Instruction for Science Instruction for Social Studies Instruction



#### TRAINING/PROFESSIONAL DEVELOPMENT

#### Websites:

- \* Flipped Learning Network flippedlearning.org
- \* Flipped Learning: Turning Learning on Its Head flipped-learning.com
- \* Flipping with Kirch flippingwithkirch.blogspot.com
- \* Flipped Learning Journal www.flippedlearningjournal.org



- \* Turn to your Neighbor: The Official Peer Instruction Blog. By Julie Schell <a href="http://blog.peerinstruction.net/">http://blog.peerinstruction.net/</a>
- \* Education Dreamer <a href="http://www.educationdreamer.co">http://www.educationdreamer.co</a>
- Educational Technology and Mobile Learning
   <a href="http://www.educatorstechnology.com/">http://www.educatorstechnology.com/</a>



#### TRAINING/PROFESSIONAL DEVELOPMENT



#### **CONFERENCES/WORKSHOPS:**

- \* FlipCon 2016 (flippedlearning.org): July 19 21
- \* The Flipped Classroom 4 Week Online Workshop by Kelly Walsh, Author/Founder of EmergingEdTech <a href="http://www.emergingedtech.com/">http://www.emergingedtech.com/</a>
- \* ISTE 2016 Conference, June 26 29, Denver,CO

#### **SOCIAL MEDIA OUTLETS:**

- \* Twitter: <a href="https://twitter.com/flippedlearning">https://twitter.com/flippedlearning</a>
- \* Facebook:
  The Flipped Class Network
- **ℜ** Podcasts
- Radio Show: The Flipped Side hosted by Jon Bergmann



#### TYPES OF FLIPPED CLASSROOMS

Traditional Flipped

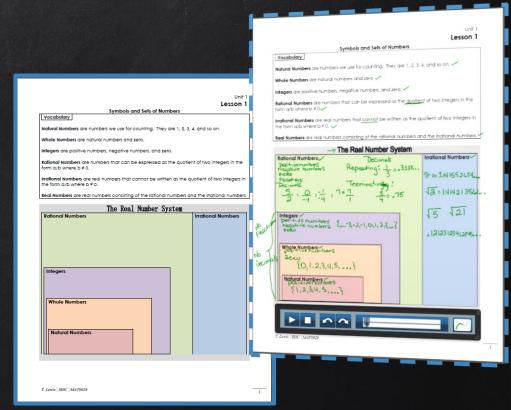
Flipped Mastery

Peer Instruction Flipped Classroom

Inquiry Flipped Classroom

Problem Based Learning Flipped Classroom

- ※ Start Slow
- ★ Start with one lesson
- \* Take at least one semester to plan and create
- \* Guided notes to 1 page (2 page max)
- Save videos in all available formats
- \* Policies and guidelines
- \* Secondary website to store videos i.e. Weebly, Wix, YouTube







#### ASSESSMENTS

- \* Checking their notes for homework and class participation grade
- \* Questionnaires i.e. Google Forms, Camtasia, LMS
- ℜ Polling Tools

#### Polling Tools

- ※ Clickers
- ℀ Cel.ly
- \* Poll Everywhere
- ※ Plickers
- \* Online Courseware i.e. MyMathLab



#### WHAT ARE THE TOOLS NEEDED TO FLIP A COURSE?



- YouTube or other video sharing sites
- MOOCs
- Kahn Academy
- Make your own
- Camtasia
- Jing (free)
- Active Presenter (free)
- Echo360
- Livescribe Smartpen
- USB pen tablet
- Tablet PC
- Wacom Bamboo Tablet



- SMART Board
- Mimio
- MS Office software
- Ipad/Iphone
- Camera
- IPEVO Doc Camera
- SWIVL





"In the beginning of the semester I was very unsure about the flipped class style, but I have to say that, if I am given a choice in my future math classes, I definitely will choose a flipped class. I like that we do our homework in class and that you are there to help us master the concept when you are needed. In high school, I was unable to grasp the concept of algebra and felt that if I could not understand the homework, the next day I was left behind as everyone else went forward. While many teachers follow the same style of teaching year after year, it is refreshing to see one that grows with the times. Thank you for caring about your students enough to try a bold new approach that I think is

helpful in many ways."

"I find the teaching ways."

"I find the tedon" style very different style very different and interesting. The and interesting class atmosphere in class atmosphere in class makes it very fun makes it very fun and comfortable to and comfortable to

"...the videos were very important to watch before class. It gives your mind a head start and you can take your time going through the lessons."

"I AM A VISUAL LEARNER SO SEEING YOU WORK OUT THE PROBLEM AND EXPLAIN WOULD REALLY HELP AND IF I GOT CONFUSED STILL THE NEXT DAY YOU WOULD GO INTO MORE DETAILS AND CLEAR IT UP."



#### Any questions?

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