

**facebook.**

1. How many of you use facebook for education?
2. How do you use it?
3. How should you use it?



## Follow these rules

- Create a friend list (with privacy settings).
- Facebook groups for engagement – project & discussion board.
- Share rich content - news clips, articles, videos.
- Discuss online safety.
- Know your resources.
- Check school's social networking policy.
- Talk to parents.
- Student feedback (for class rooms and beyond).
- You be a safe harbor.

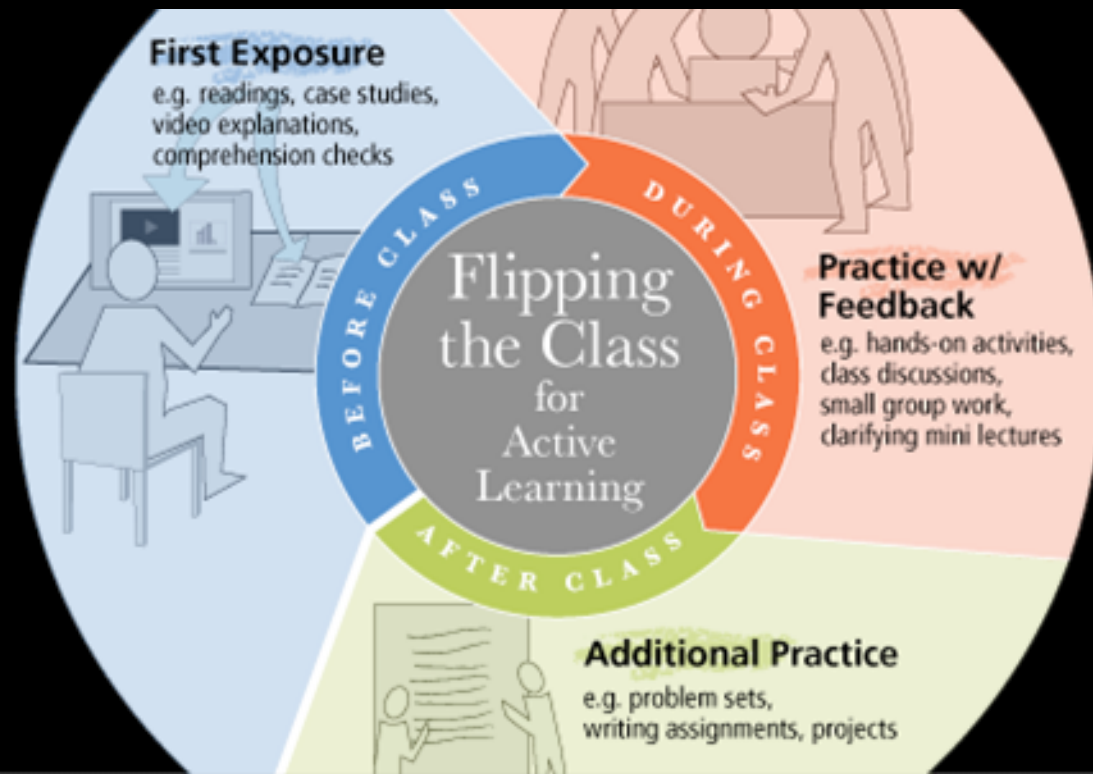
Social networking can be both educational and safe

Teaching, Learning & Assessment

# in the digital age

[www.ajithkthomas.weebly.com](http://www.ajithkthomas.weebly.com)

# Flipping the class





## Benefits of flipping

### For students

- more engaged during class.
- tackle more challenging “application” tasks during class.
- pre-class work at their own pace, repeating initial learning.
- receive instruction focused on what is most challenging.
- ideally, get frequent, low stakes practice and feedback during in-class activities.
- achieve better learning outcomes when learning actively compared to passively listening to lectures.

(supported by research across disciplines and class sizes)

## Benefits of flipping

### For faculty

- spend class time focusing on challenging issues and sharing their unique perspective, rather than feeling the need to cover all the basics.
- obtain timely information (via preliminary assessments) about students' learning.
- receive and respond to real-time feedback on student learning during interactive classroom activities.
- may find it more engaging and enjoyable to spend class time interacting with students, rather than giving a lecture.
- all teaching strategies (e.g., flipped classroom vs. traditional lecture) have pros and cons depending on context and how they are used.

One is not necessarily inherently superior to another. Effectiveness for learning ultimately depends on how strategies are implemented.



## Benefits of flipping

### Advice to early adopters

- Don't flip your classroom without a good reason.
- Leave ample time to prepare.
- Use instructional technology strategically.
- Clearly guide student preparation.
- Hold students accountable.
- Course materials may need to change.
- Beware student overload.
- Be transparent.
- Classroom infrastructure can make active learning challenging.

## How do I get started?

1. Identify when/where flipping could enhance learning in your course.
2. Articulate learning objectives for the portion(s) of the course you plan to flip.
3. Plan in-class activities that will help students achieve the targeted learning objectives.
4. Identify and assign pre-class work.
5. Assign post-class activities.

## Activity/discussion

### Key takeaways

1. ....
2. ....
3. ....
4. ....
5. ....

## Cases in active learning

[University of Michigan](#)

CALTECH

Carnegie Melon university

University of Pittsburgh

Duquesne university

Darden business school

Katz business school

Purdue university

University of Washington

## Digital evaluation tools

- Safe Assign
- Blackboard
- Turnitin
- Moodle
- Canvas

# Blackboard introduction

# Case in action

The screenshot displays a Blackboard Academic Suite interface for a course. At the top, the browser address bar shows "Blackboard Academic Suite". The page header includes the "Gaston College" logo with the tagline "Responsibility for Life" and navigation links for "Home", "Help", and "Logout". Below the header, there are tabs for "My Institution" and "Course".

A left-hand navigation menu lists various options: Announcements, Course Information, Faculty Information, Staff Information, Course Documents, Assignments, Communication, Discussion Board, External Links, and Tools. The Tools section includes Communication, Course Tools, and Course Map. Below the menu are buttons for "Control Panel", "Refresh", and "Detail view".

The main content area features a teal banner with the course title "MAT 115 - Mathematical Models". Below the banner are buttons for "VIEW TOOLS", "VIEW LAST TOPIC", "VIEW LAST 10 DAYS", and "VIEW ALL". A date range "February 21, 2008 - February 28, 2008" is displayed. An announcement icon is followed by the text "Wed, Feb 20, 2008 - Classroom Assessment".

The assessment text reads: "Send me an email assuming one or more of the following questions:  
Up to this point in the semester, when do you feel you have been most engaged as a learner?  
What have you found to be most helpful so far?"

A man with a beard and a light-colored shirt is visible in the bottom right corner of the screenshot, partially overlapping the course page.











## Alternative to turnitin

- [Viper](#)

# Visualization tools

BBC FOUR



## Course management tools

- Blackboard
- Course web
- Moodle - <https://moodle.org/>
- Canvas - <https://www.canvaslms.com/k-12/>
- Couse management system <https://course.berkeley.edu/>

## Collaboration tools

[Laundry list of all tools.....](#)

# Connected class



## Connected class

<https://itunes.apple.com/in/app/reef-polling-by-i-clicker/id899690067?mt=8>

## Virtual class room

- Skype
- Webex
- Adobe content
- Zoom

## Online courses

- Course era
- Khan academy
- edX

## Attention researcher

Laundry list.....

List 2

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