What do you think about Flipped Learning?

Which of the following do you think is the best definition for flipped learning?

• It is an inversion of traditional teaching methods
• It is a pedagogical theory that challenges the status quo
• It is a way of making students do all the work

Which of the following best describes you?

• I have flipped and I loved it
• I have flipped and I won’t do it again
• I am thinking about flipping
• I will never flip!

Is flipped learning FAB or a FAD?

If you haven’t voted already...

Vote on your PC by clicking this link
on a mobile at www.govote.at using the code 27 71 27
Session Outline

• What is flipped learning
• Learning theories
• The technology
• The students
• The educators
• The institution
• Discussion
What is flipped learning?

Definition of Flipped Learning

Flipped Learning is a pedagogical approach in which direct instruction moves from the group learning space to the individual learning space, and the resulting group space is transformed into a dynamic, interactive learning environment where the educator guides students as they apply concepts and engage creatively in the subject matter.
Is it already happening?

2007

73% - 96%  48% - 78%

21% VS 2%

43%  52%

1/5
Fab or Fad?

Bill gates thinks it’s a good idea so....

430 000 currently in use 900 000 by 2016

86% of students
81% of teachers

“The world is digitizing and higher education is not immune to this transition”
The four pillars of flip

F: Flexible environment
   - lec:ern and projector
   - tables and laptops

L: Learning culture
   - Passive learning
   - Active learning
   - Content as Information
   - Content as a learning tool

I: Intentional content
   - Sage on the stage
   - Guide on the side

P: Professional educator
What are the theories behind flip?

Team based/project based learning

Social constructivism

Hybrid/blended learning

“Hands on, heads on”
Where does the technology come in?

- BYOD
- makerspaces
- IoT
- wearable tech
- e-books
- clickers
- inverted classes
- Video

Does it even have to?
What does it mean for the students?

- What are the opportunities?
- What are the challenges?
- What are the necessities?

"Tell me and I will forget. Show me and I will remember. Involve me and I will understand."

“Preparation before work makes it easier to learn."
What does it mean for the educators?

- **What are the opportunities?**
- **What are the challenges?**
- **What are the necessities?**

"Flipping the classroom enables me to better understand whether students are understanding the material that is presented to them because there is more time to interact with them."

93% of teachers who are flipping their classroom started as their own initiative - This indicates it's part of a grassroots movement from classroom teachers.

"It basically shifted B’s and C’s to A’s and B’s, and that’s been pretty consistent."

21% We don’t have the expertise
What does it mean for the institution?

• What are the opportunities?
• What are the challenges?
• What are the necessities?

It has been argued that the instructional practice, not the medium of delivery, ultimately influences the learning process.

The ancient practice of lecturing has survived the advent of the printing press, video and now the internet.

If x% of school students use tablets shouldn't universities follow suit?
“learning mediated by various technological methods of transcending physical and virtual space “

• **Flipped learning** is a philosophy of change
• **A flipped teacher** is a facilitator
• **A flipped course** is defined by student ownership and involvement
• **Technology alone does not flip learning**
Discussion questions

• What opportunities does flipped learning offer for students and educators?

• What are the biggest challenges for developing flipped learning in the future?

• What needs to change in order for flipped learning to become the norm?
And finally

Is flipped learning an opportunity, a challenge or a necessity?
References


