Flipped classroom





On Sleeping in Church

"A preacher cannot look round from the pulpit without observing that ...



... of all misbehaviour, none is comparable to that of those who come here to sleep. Opium is not so stupefying to many persons as an afternoon sermon."

 $https://biblehub.com/sermons/auth/swift/on_sleeping_in_church.htm$

The Very Reverend

Jonathan Swift



Portrait by Charles Jervas, 1710

Born 30 November 1667

Dublin, Ireland

Died 19 October 1745 (aged 77)

Dublin, Ireland

Resting St Patrick's Cathedral, Dublin

place

Pen name Isaac Bickerstaff, M. B.

Drapier, Lemuel Gulliver,

Simon Wagstaff, Esq.

Occupation Satirist · essayist · political

pamphleteer · poet · priest

Language English

Alma mater Trinity College Dublin

Notable works

A Tale of a Tub

Drapier's Letters Gulliver's Travels

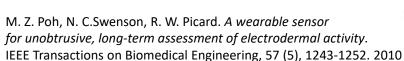
A Modest Proposal

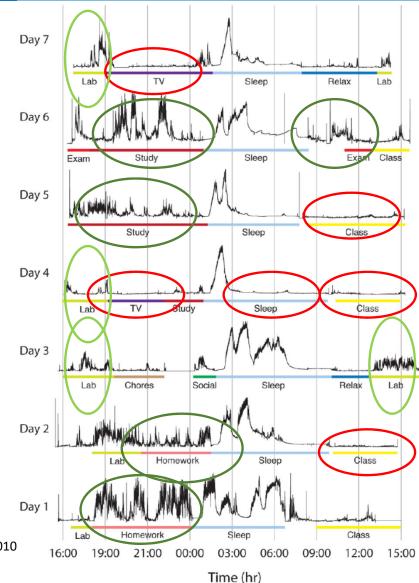




Pedagogical motivation

- Measurement of the electrical brain activity
 - MIT experiment







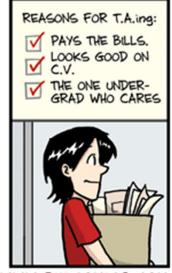


My motivation (I)









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My motivation (II)







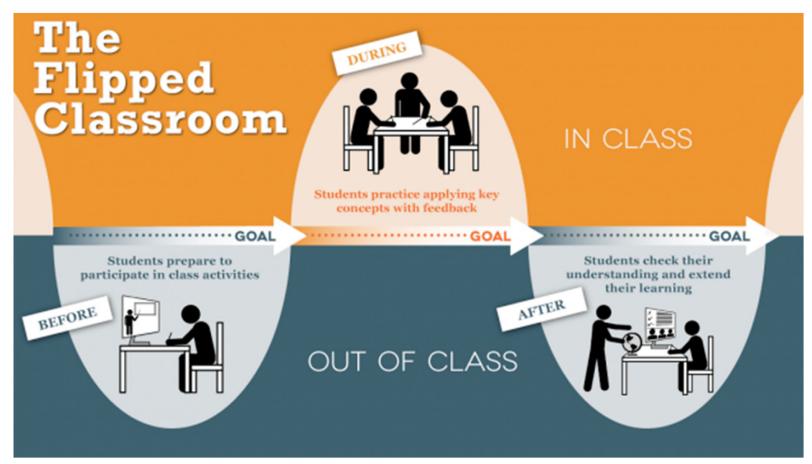


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The concept







Guiding principle

"Work typically done as homework (e.g., problem solving, essay writing) is better undertaken in class with the guidance of the instructor. Listening to lecture or watching videos is better accomplished at home."

 What is normally done in class and what is normally done as homework is switched or flipped. Instead of students listening to a lecture and then going home to work on a set of assigned problems, they <u>read material</u> <u>and view videos before coming to class</u> and then engage in class in active learning using case studies, labs, games, simulations, or experiments.

Herreid, C. F., & Schiller, N. A. (2013). Case studies and the flipped classroom. Journal of College Science Teaching, 42(5), 62-66





Benefits

- Students move at their own pace
- Students who miss class can watch the lectures while on the road
- Promotes thinking inside and outside of the classroom
- Students are more actively involved in the learning process
- Classroom time can be used more effectively and creatively
- Increased levels of student achievement, interest, and engagement
- Doing "homework" in class gives teachers better insight into student difficulties and learning styles
- The use of technology is flexible and appropriate for "21st century learning"



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Criticisms

- Students that cannot spend the required time at home, waste their time in the classroom
- The time in the classroom is more demanding
- Students that are not interested in the topic still have to work at home
- The lecturer is not doing anything in the classroom





Closing





Summary







Bibliography

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- C. F. Herreid, N. A. Schiller. *Case studies and the flipped classroom*. Journal of College Science Teaching, 42(5), 62-66. 2013



