



## Flipping Physics Lecture Notes: How to Flip a Classroom – Inside and Out

- 1) Interact with other flipping teachers.
- 2) Use other teacher's lectures.
- 3) Please, start small!
- 4) Prepare your students and parents.
- 5) Don't increase student workload.
- 6) Teach students how to study videos.
- 7) Do in-class what was traditionally done at home.
- 8) Be amazed!
- 9) Shift toward student-centered assignments.

Mr.P's Example Schedule:

	Traditional	Flipped
Home #1	Study: Worksheet Solutions & Practice Quiz	Lecture
Class #1	Quiz: Previous Concept Lecture: New Concept	Teacher Help: Lecture / Bookwork Lab: Collect Data
Home #2	Homework	More Lecture
Class #2	More Lecture Lab: Collect Data	Lab: Analyze Data Worksheet: Due @ End of Class
Home #3	Lab: Analyze Data	Review Lecture Study: Worksheet Solutions or Practice Quiz
Class #3	Lab: Due @ Start of Class Review Lecture Worksheet: Due @ End of Class	Study: Worksheet or Practice Quiz Finish up the Lab due @ start of Quiz Quiz @ End of Class

Mr. Margolis' Roadmap♥:

- 1) What do I know?
- 2) What have I learned?
- 3) What will I find out and discover?

Mrs. Kirch: Internal Flip

- In class video lectures instead of group lecture.
- <http://flippingwithkirch.blogspot.com/2013/12/a-different-approach-to-flipped.html>

Possibly Helpful Definitions:

- Daunt (verb) (usually, **be daunted**): make (someone) feel intimidated or apprehensive
- Aggregator (noun): A website or program that collects related items of content and displays them or links to them.
- Curate (verb): select, organize, and present (suitable content, typically for online or computational use)
- Egregious (adjective): outstandingly bad; shocking
- Nonchalant (adjective): (of a person or manner) feeling or appearing casually calm and relaxed; not displaying anxiety, interest, or enthusiasm

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♥ Original "Roadmap" credit goes to D. Moran @ The Academy at Eleventh Street.