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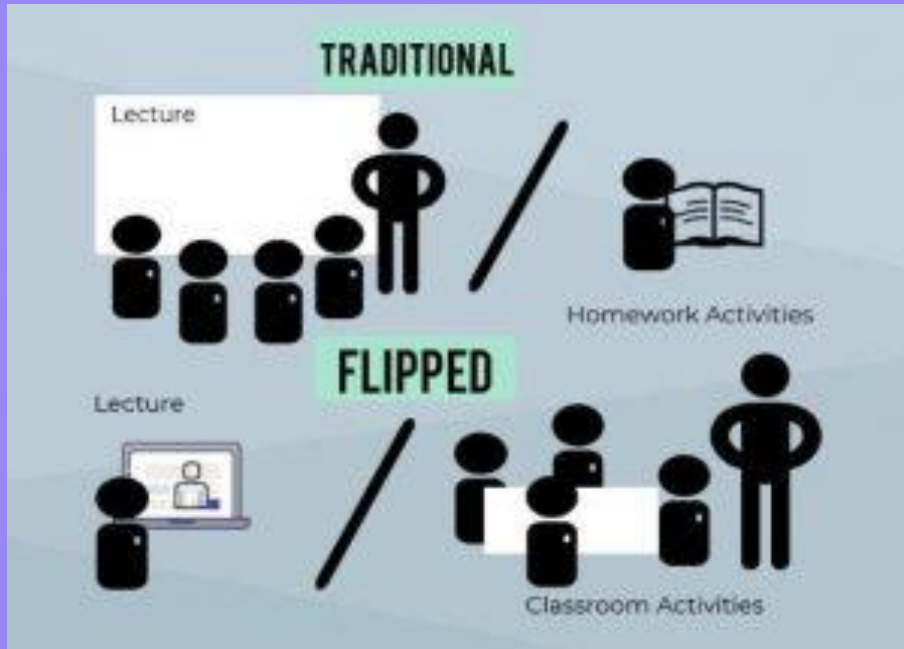
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Flipped Classroom
A short outline
Effective Classroom Practices

Flipped Classroom



“Flipped learning pedagogy stems from the premise of inquiry-based and egalitarian philosophy: with the growing access to vast information through the internet, the traditional model of teacher as the sole steward of knowledge has become obsolete”
Jenkins et al., 2017)

Theoretical insight



✂ What is it?

Inverting the classroom means that events that have traditionally taken place inside the classroom now take place outside the classroom and vice versa.



Educational technique

CONSISTS OF 2 PARTS:

1. Interactive group learning inside the classroom or in webinar;
2. Direct computer-based individual instruction at home.

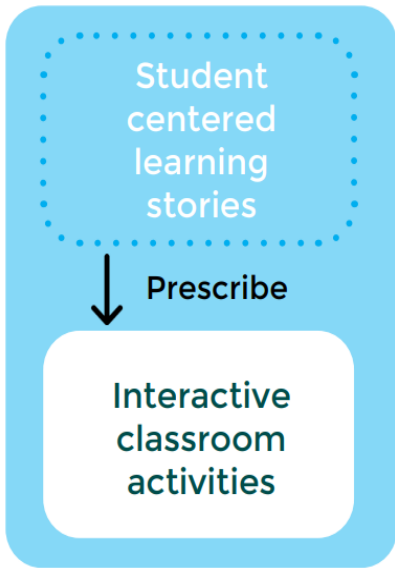
A flipped classroom is a type of blended learning where students are introduced to content at home and practice working through it at school. This is the reverse of the more common practice of introducing new content at school, then assigning homework and projects to be completed by the students independently at home.

FURTHER INSIGHTS

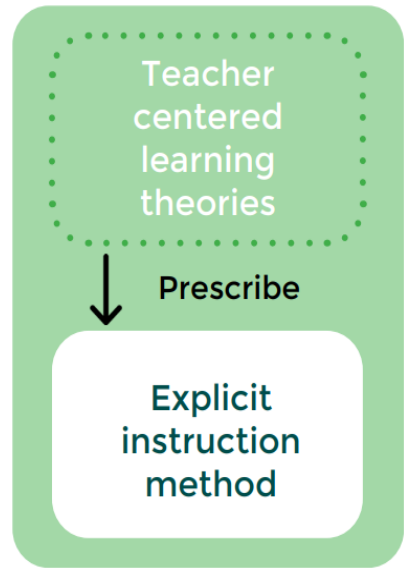
A chart of the flow



HUMAN INTERACTION IS REQUIRED



CAN BE AUTOMATED BY TECHNOLOGIES



What the founder says:

- “In 2007, Aaron (Sams) and I discovered some software that would record our lectures live. Then in the spring of that year we had an idea for what is now known as the flipped classroom, where we stopped giving the lectures. We committed the following year to prerecording all our lectures, as we now had a bigger vision for that. As a note, we didn’t call it the flipped classroom -we called it pre-broadcasting- and eventually it became known as the flipped classroom”

Jonathan Bergmann, official founder of the Flipped Learning

Why do we need self-instruction?

Because you know it is the best way to learn in your own style, at your own pace.

Is Self-Directed Learning the new learning? It certainly is the NOW learning: students in the age of iPads and Google have been doing this since before they could walk.



Essential Aspects of FLIPPED CLASSROOM

- ❖ Face-to-face engagement is combined with individual study, typically done through technology, in this blended learning technique.
- ❖ Students might watch pre-recorded videos at home in a typical Flipped Classroom situation, then return to school to do their assignment with questions and at least some background information.
- ❖ The flipped classroom approach seeks to reverse that tendency if the issue is that students require assistance with the work rather than being exposed to new ideas.

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What Do Students Do At Home In A Flipped Classroom?

- ❖ Watch an online lecture
- ❖ Review online course material
- ❖ Read physical or digital texts
- ❖ Participate in an online discussion
- ❖ Perform research



What Do Students Do At School In A Flipped Classroom?

- ❖ Personal & In-person dialogue with peers
- ❖ Debate
- ❖ Presentations
- ❖ Station instruction
- ❖ Laboratory tests
- ❖ Peer review and evaluation



CRITICISM

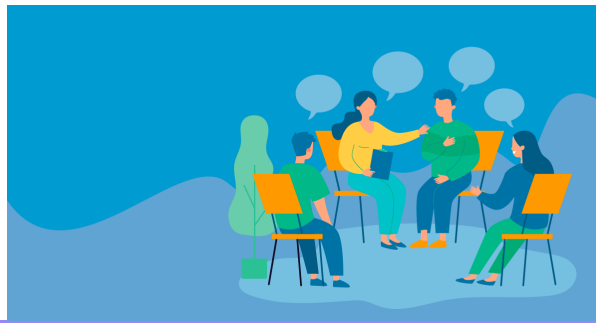
- Critics of the learning model include reduced opportunities for student-directed critical thinking, decentering the student role, encouraging a march through the curriculum driven by lectures, and generally just simplifying an already mechanized approach to learning.
- Success also depends significantly on the level of the teacher, the clarity of the information, and the quality of the curriculum, assessment, and teaching that are provided, much as in a traditional classroom.



BENEFITS

- ❖ It is adaptable/flexible.
- ❖ There are more opportunities for higher level learning
- ❖ Students can learn at their own pace and take responsibility for learning
- ❖ Students learn rather than simply encounter information in class
- ❖ It does not waste time transferring information to students when that information is available to them in books or online (Mazur 2009)
- ❖ Teachers collaborate more closely with students, getting to know them better and provide better support
- ❖ An increase in student cooperation

- <https://www.teachthought.com/learning/definition-flipped-classroom/>
- <https://bokcenter.harvard.edu/flipped-classrooms>
- M.J. Lage, G.J. Platt, and M. Treglia. Inverting the classroom: A gateway to creating an inclusive learning environment. The Journal of Economic Education)



THANK YOU

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