

Flipped Classroom- A Powerful Tool

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Abstract

Flipping Classroom has begun to flourish worldwide as a new teaching model. Within the education world the flipped classroom has been embraced as a way to encourage teachers and students to break out of old moulds and develop creative, active, learning environments in which to build skills and knowledge. By changing up traditional teaching process and focusing on collaborative learning supported by prior knowledge, understanding and retention of skills improves. Real life applications for expertise emerge. Learning grows, is shared, and provides the foundation for more learning success. In this presentation we will explain the importance of flipped learning and how we can use them to shape the way we approach our professional development. We will provide pointers to background resources and discuss practical ways to flip your learning at this symposium, and into the future.

Keywords: *Flipped classroom, traditional classroom, tool*

Introduction

Flipped classroom has become popular worldwide as a new form of teaching. Compared with traditional teaching, it breaks through the traditional classroom limitations, reconstructs the teaching structure, reflect the advantages of the new teaching ideas. The implementation of flipping the classroom includes pre-class well-made video design and other aspects, in which the support of network teaching system is necessary. Pre-class learning in flipped classroom is primarily carried out through a network of micro-teaching. At the same time, extracurricular learning support is also web-based teaching system. For the formal qualification of Library Technicians the flipped learning is an ideal approach, particularly with the recent introduction of a new training package for Library and Information Services, and the preceding review of competencies required in the workplace. New students in the library and information industry will be taught to develop a different personal learning style. This will see them quickly gathering background information for problem solving then arming themselves with this in the places where real learning happens; sharing with colleagues, working through issues in a practical way, acquiring skills by doing not watching.

For those already in the workforce, adopting a flipped approach to ongoing professional development is equally exciting. It enables us to move from simply learning a skill set, to looking more deeply into how those competencies can be applied in a workplace environment and what benefits will emerge for customers, the organization and the Library Technician themselves. As our roles, skills and workplaces continue to change so too must our

techniques for responding to ongoing learning needs. We need to feel engaged and empowered.

Why a Flipped Class?

- Learning at different paces (slow, medium, fast)
- Students missing important pieces of information in spite of being present in the class.
- Students absent (Sick/Sports etc) & missing critical lessons.
- Students not doing home work fully and correctly - they forgot how to do it or simply copy it from their friends.
- Teacher spending in taking tutorials and remedial for the students who need extra tutoring and mentoring.
- Teacher spending most of the class time over solving problems and do not give students much time to solve.

What is a Flipped Class?

The Flipped classroom is an instructional strategy and a type of blended learning that reverses the traditional learning environment by delivering instructional content, often online, outside of the classroom.

It moves activities, including those that may have traditionally been considered homework, into the classroom.

Difference between traditional classroom and flipped classroom

Traditional classroom	Flipped classroom
➤ Instructor prepares material to be delivered in a class. ➤ Students listen to lectures and other guided instruction in a class and take notes. ➤ Homework assigned to demonstrate understanding	➤ Instructor records and share the lectures outside of the class. ➤ Students watch / listen to lectures before coming to class. ➤ Students receive support from instructor peers as needed.

Salient Features:

- Responsibility for learning in the flipped manner from the teacher's hand to the student's hand
- Face-to-Face time Flipped from teacher-focused to student focused
- Focus of Class-time flipped from lower order to higher order thinking.
- Lower level blooms learning outside the class using videos and digital content.
- Higher level blooms learning inside the class via interaction & questioning

Advantages for a Teacher

- Work in one –on-one manner focusing on every student in the class everyday
- Work with individual & smaller groups in class
- Students who might not have parent's support outside the class will now have teachers guiding them in the classroom.
- Revisions of concepts are understood by the students at varied environments.
- Class environment will be dynamic and progressive adopting a student-centered approach.

How a Flipped Class benefits our students?

- They can learn at their own pace.
- They can stop, rewind, go fast forward with respect to the content whenever required.
- They receive instant feedback and the teacher can spend more time explaining difficult concepts or exploring further through different activities.
- Teacher will be beside the student when he is doing homework to navigate and facilitate while facing difficulties in doing it.

Flipped Class- A Powerful Tool

Flipped class is not mandatorily an instructional choice. Flipped classroom is not a way to get more material covered. But if it is used effectively you can go deeper in to the concepts. We need not to fully flip the class room to get the benefits of time shift in instructions. There is no ONE flipped classroom. Every piece of content can be flipped according to the needs of the students.

Atlast...

“You can be a good teacher and never use technology, and technology won't turn a bad teacher into a good one. However, a Good teacher who uses technology well can make Great things happen”!!!

Conclusion

This study is based on the general model of the flipped classroom implementation, the importance of flipped learning and how we can use them to shape the way we approach our professional development. Adopting a flipped approach to ongoing professional development is equally exciting. It enables us to move from simply learning a skill set, to looking more deeply into how those competencies can be applied in a workplace environment and what benefits will emerge for customers, the organization. As our roles, skills and workplaces continue to change so too must our techniques for responding to ongoing learning needs. We need to feel engaged and empowered.

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