

## **What is a Flipped classroom?**

Flipped classrooms redefine in-class activities. In-class lessons accompanying flipped classroom may include activity learning or more traditional homework problems, among other practices, to engage students in the content. Class activities vary but may include: using math manipulatives and emerging mathematical technologies, in-depth laboratory experiments, original document analysis, debate or speech presentation, current event discussions, peer reviewing, project-based learning, and skill development or concept practice. Because these types of active learning allow for highly differentiated instruction, more time can be spent in class on higher-order thinking skills such as problem-finding, collaboration, design and problem solving as students tackle difficult problems, work in groups, research, and construct knowledge with the help of their teacher and peers. Flipped classrooms have been implemented in both schools and colleges and been found to have varying differences in the method of implementation.

As a result of this method, a teacher's interaction with students in a flipped classroom can be more personalized and less didactic and students are actively involved in knowledge acquisition and construction as they participate in and evaluate their learning.

Source: [https://en.wikipedia.org/wiki/Flipped\\_classroom](https://en.wikipedia.org/wiki/Flipped_classroom)

### **Resource for further study:**

- **What is a flipped classroom? (in 60 seconds)**  
<http://blog.peerinstruction.net/2013/04/22/what-is-a-flipped-classroom-in-60-seconds/>