

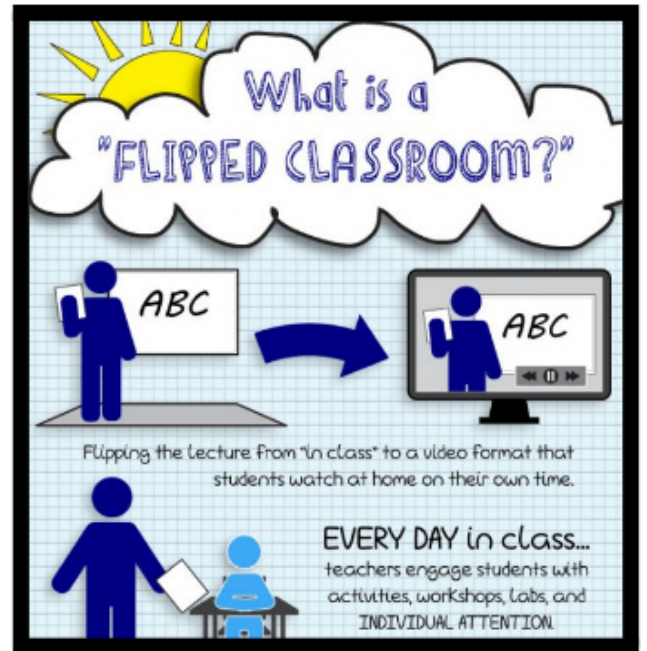
6th Grade Math: The Flipped Classroom

“Normal” ideas of instruction during class time and practice happening at home are switched.

What does this mean for you?

Homework: About 50% of the homework assignments will require students to watch a video on Edpuzzle with the lesson for the next day. Videos are created and led by the 6th grade math teachers, and are interactive, requiring students to follow along closely and provide input. Students will fill in the notes sheet along with the video and bring it to class the next day to receive full credit for the homework.

In Class: Students will practice what was introduced from the homework video the day before. Practice can be differentiated, engaging, and fun! Teachers will be able to provide individual help while students are practicing.



Benefits of a Flipped Classroom in Middle School Math:

1. **Allows Self-Paced Learning:** Students can watch lesson videos and go through materials at their own pace, pausing and rewinding as needed. This is particularly useful in math, where some concepts may require more time to understand.
2. **Increases Student Engagement:** The flipped model frees up class time for interactive activities, such as problem-solving, group work, and hands-on learning, making math more engaging and less about passive note-taking.
3. **Provides More Time for Practice:** Since direct instruction happens at home, class time can be dedicated to practicing math problems with the guidance of the teacher, which helps reinforce learning.
4. **Offers Immediate Feedback:** During class activities, teachers can provide instant feedback on students' work, address misconceptions, and offer targeted support, which is essential in math where small errors can lead to misunderstandings.
5. **Encourages Active Learning:** By engaging with the material before class, students come prepared to actively participate and ask questions, leading to deeper understanding and retention of math concepts.
6. **Promotes Responsibility and Independence:** Middle school is a great time to build self-directed learning skills. The flipped model encourages students to take responsibility for their learning, fostering independence.
7. **Supports Differentiated Learning:** Flipped classrooms allow teachers to tailor support for students who need extra help while challenging advanced students with more complex tasks, thus catering to different skill levels.
8. **Improves Teacher-Student Interaction:** Teachers have more time to work one-on-one with students during class, building stronger relationships and providing personalized assistance in math.

The flipped classroom approach creates a more dynamic and supportive learning environment for math, enhancing both understanding and enjoyment of the subject.