Flipping Out in Math
A Literacy-Based Approach

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Introductions

Ms. Catherine Gibbons

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The Flipped Classroom

A technology-centered approach that...

➔ gives students the chance to gain exposure to new concepts prior to in-class instruction.
➔ gives students an opportunity for a deep understanding of content.
➔ allows time for hands-on activities and practice during class time.
➔ provides an opportunity for exploration of concepts.
How & Why I Flip

➔ Record myself teaching the new concept.
➔ Videos are shared with students via Google Classroom.
➔ Pre-teach vocabulary, language, and concepts.
➔ Creates a review library that students can access for years to come.
➔ Flipped approach coupled with Project Based Learning.
History at St. Mary’s

Five components
- Adapted Dolch Words
- Bridges
- Comprehension
- Phonemic Awareness
- ASL

Components used in content area classes
Reading & Literacy in Math

Lesson structures

Pre-Flipping:
◆ Vocabulary with content-specific conceptual signs
◆ New and review bridges

The Flipped Lesson

Post-Flipping
◆ Highlight and bridge text
◆ Read
◆ Demonstrate comprehension

NYS Regents Examination Prep
Part 4 is the focus of our reading push-in time. Helping students decode and bridge the mathematical language in assigned questions. Parts 1-3 serve as a tool to help students solve given problems.
Videos

➔ Flipped Lesson

◆ Assigned to students as homework the night before reading push-in.

➔ Reading push-in lesson
Wrapping Up

➔ Questions?
➔ Evaluations- Please help us improve!
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