



Case Study: Tiffany Smith of Tyrone Area High School (PA)

"It was everything a math teacher could dream of! The students fought it at first, but within the first two months of using it they got on board and the results were amazing. The differentiation that Get More Math can provide blew me away. I knew I would never be able to give the students that much differentiation on my own."



Tiffany Smith Tyrone Area High School

Industry: Public K-12
Location: Tyrone, PA
School Size: 553 Students

School Bio

Tyrone Area High School is part of Tyrone Area School District, a public school district which consists of more than 1,800+ students. Tyrone Area High School is located about 28 miles southwest of State College, PA.

Overview

Tiffany Smith has been teaching mathematics for 10 years, and the biggest challenges she's faced throughout her teaching career include helping her students retain math, keeping them engaged, and even helping them to maintain their math confidence level throughout the school year. She heard about Get More Math through a colleague who was piloting the program and had positive reviews about its effectiveness. After piloting Get More Math for her own Algebra 1 class, she quickly noticed how her students' confidence in math increased, and she's appreciated how the program cycles back through problems they've been doing all year and "...can visually see how many skills they are mastering and...helps to encourage them to keep moving forward."

"As a [math] teacher, I cannot imagine teaching without Get More Math."

- Tiffany Smith
Math Teacher
Tyrone Area High School

How has Get More Math impacted Tiffany Smith's students?

Algebra 1 Keystone Pass Rate

89%

One Rating Category Increase

100%

Two Rating Category Increase

35%

Algebra 1 Keystone Advanced Score

39%

Note: Class size is 23 students. Tiffany has been using GMM for 3+ years, results are taken from 2018.

The Challenge

Tiffany Smith has always had a passion for mathematics and working with the youth. The challenges that Tiffany faced are common with every school and district throughout America with students in mathematics: math retention, student engagement, and lack of confidence. The goal for Tiffany was to not only help her students overcome these barriers to learning but also to help them perform better with year-end state testing in mathematics. Though her students were doing well in class, she realized that each student was unique and needed an individualized plan to help them revisit basic skills and build upon those with the new skills she was teaching.



The Approach

Because long-term math retention is at the core of Get More Math's solution, its approach was to help Tiffany automate an individualized and spiralized solution for each student that would help him/her gain exposure to past math concepts she had taught throughout the school year while at the same time help each student practice what she had just taught in the classroom.

"For us, the idea is that the teacher helps push the class forward...but then Get More Math provides that practice that keeps pushing each kid back over the best or most valuable content that they could possibly do on a particular day."

- Josh Britton
Founder, Get More Math

The Solution

With this approach in mind, Get More Math offered Tiffany a free, unlimited pilot of its results-based and web-based math practice and retention program for the entire school year. In addition to unlimited access to its program, Get More Math also offered Tiffany free web-based and onsite training to further develop best practices on how to effectively deploy Get More Math with her students.

The Get More Math approach and solution encouraged Tiffany to break up her class time into three sections: Teaching, Focused Practice, and Mixed Review. Because Get More Math never replaces the teacher in the classroom, Tiffany still spent one-third of class time teaching new material. For the next third of class called Focused Practice, instead of working on printed worksheets each student was given a small set of problems to practice on Get More Math based on what Tiffany had just taught. And once the students were done with those, they entered the Mixed Review phase where students would practice *everything* they had been taught throughout the school year to that point.



About Get More Math

Get More Math provides a web-based and results-based math practice and long-term retention program for grades 3rd through high school math. With built-in printable & downloadable worksheets, cumulative exams (with formative and summative assessments), real-time data reports for teachers and administrators, and Clever SSO integration, Get More Math is FREE through the current school year for new schools, educational service centers (ESCs), afterschool programs, summer programs, and non-profit educational organizations.

