

How Get More Math Works

Sign Up for a FREE One-Year Trial

Summary

Get More Math is uniquely powerful math practice software for grade four through Geometry. Many math software products provide individualized instruction, but Get More Math (GMM) takes a different approach: adaptive cumulative practice to ensure long-term retention. As a result, students using GMM score significantly higher than their peers on standardized tests. The program has been honed in the classroom over the past 13 years and was released during the 2015-2016 year to a beta group of teachers in several PA school districts. Students across the board (low to high performers) earned high PVAAS growth. These results encouraged a number of new teachers and districts to adopt the program midyear for 2016-2017 (over 20 PA school districts now participate).

How It Works

GMM builds math practice sessions for each student that include both new material and thorough review of old concepts and skills. As the year progresses, the teacher gradually selects more types of problems for these sessions. Every day, a student sees a new mix of practice problems selected for her based on data collected during all her former sessions. Is she weak on graphing? There will be a graphing problem. Is she a champ at multiplying decimals? Then she probably won't see problems of that type (although occasionally GMM will include one to make sure she still remembers). GMM selects her problems for a session based on her weaknesses and also the amount of time since she last worked on each problem type. Most math software fails to adequately address long-term retention. A common (flawed) paradigm is to measure student ability by results from a concentrated burst of problems on a specific skill. For example, a student might in one session do 10 consecutive adding fraction problems. Suppose she has no further practice of that skill for a week and then she takes a quiz. We cannot say with confidence that she will retain her accuracy. Now suppose she takes a high-stakes test five months later: she may have completely lost the skill. GMM addresses this problem. It ensures that each student regularly revisits skills from the entire curriculum and will only designate a student as 'high level' on a skill based on consistently strong performance throughout the course.

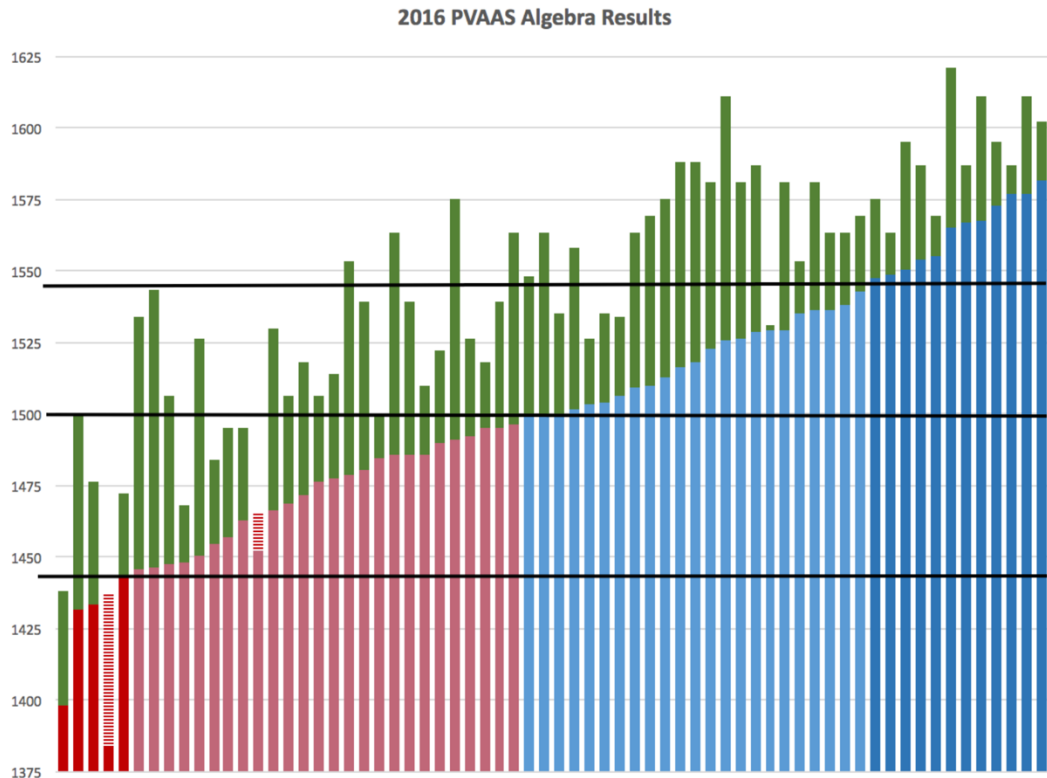
A Teacher's Perspective

"I can't tell you enough how much more enjoyable this has made my class...I was at my wit's end and felt so frustrated that I wasn't seeing any progress...now honestly, I look forward to that class more than any other!"

Results

GMM's two pilot high schools both ranked in the top 10 in PA for PVAAS growth on the 2015-2016 Keystone Algebra test – out of 700 schools!

In the 2016 PVAAS GMM sample shown to the right, the students represented by blue bars were expected to pass and those in red were expected to fail. The green bars show the improvement over the expected results. Note that 53% were expected to attain the 1500 required for 'Proficient,' but in actuality 85% did so!



Josh Britton

Josh Britton, creator of GMM, loves teaching kids to think mathematically. Every year since he started as a math teacher in 1996, he has been experimenting with best practices for teaching Pre-Algebra and Algebra. He started developing GMM 12 years ago to help leverage his time in the classroom and ensure that all kids, regardless of aptitude, were able to grow their math skills.

Additional Information

GMM is packed with features to empower teachers, such as assessments, worksheet generation, brain breaks and teacher curriculum sharing. More information can be found at getmoremath.com, and we are always happy to chat:

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