

▶▶▶▶ Academy of MATH

Grade K5–12 Intervention

Developed to complement math curriculum and address skills development and learner motivation, Academy of MATH is a flexible solution for

- Elementary, middle, and high schools
- At-risk ELL, special education, and reinforcement of classroom instruction
- Before school, during school (labs, back of classroom), after school, and summer school

Flexible Instructional Model

Academy of MATH is easily managed for cost-effective implementation of math intervention programs.

- Scales easily from a few students to a classroom or school-wide implementation
- Provides browser-based access for students, teachers, and administrators from any workstation on the network
- User-friendly interface allows students to begin training immediately and to see results quickly

About Passport Learning

Passport Learning delivers highly effective and scalable literacy intervention solutions to help elementary, middle, and high school students master the fundamental skills of reading and math. Passport products use a research-based approach that is proven to generate significant and sustainable gains for students of all ages and abilities.

This award-winning software provides an individualized and engaging experience for students, and a comprehensive set of monitoring, management, and reporting tools for teachers and administrators. Passport deploys its literacy intervention solutions to schools throughout the United States.



Academy of MATH Intervention Solution



▶▶▶▶ Proven Results

“Semi-annual external testing shows that our students are doubling and tripling the expected annual growth rate, gaining two and three grade levels in one year. What’s more, they are surpassing teachers’ expectations, passing an integrated algebra/geometry course and state testing. Before implementing Academy of MATH, only 42% of all students met the math standard. In 2005, four years after starting the program, 73% of kids met the standard.”

**Dave Bond, Assistant Superintendent of Secondary Education
Kennewick School District, WA**



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Proven Approach to Permanent Math Gains



Academy of MATH® has had over 20 years of success in elementary, middle, and high schools. It is a proven intervention approach that helps both skilled and struggling students develop greater mathematical proficiency. The methodology incorporates instructional and behavioral principles to address skills development and learner motivation, while providing intervention strategies.

Fluency in Foundational Skills

Academy of MATH uses a systematic approach to help struggling students build fluency in foundational math skills aligned to NCTM standards. For each skill area and level, students build conceptual knowledge (terms), computational fluency (operations), and strategic competence (word problems).

These skills are trained to a level of mastery that ensures robust and permanent skill development.

Individualized instruction lets students systematically target areas of weakness while teachers can facilitate learning where they are needed the most.

Prescribe

- Training stream is automatically assigned, based on each student's mathematical abilities relative to their grade.
- Students progress at their own pace, filling in skill gaps to achieve fluency.

Monitor

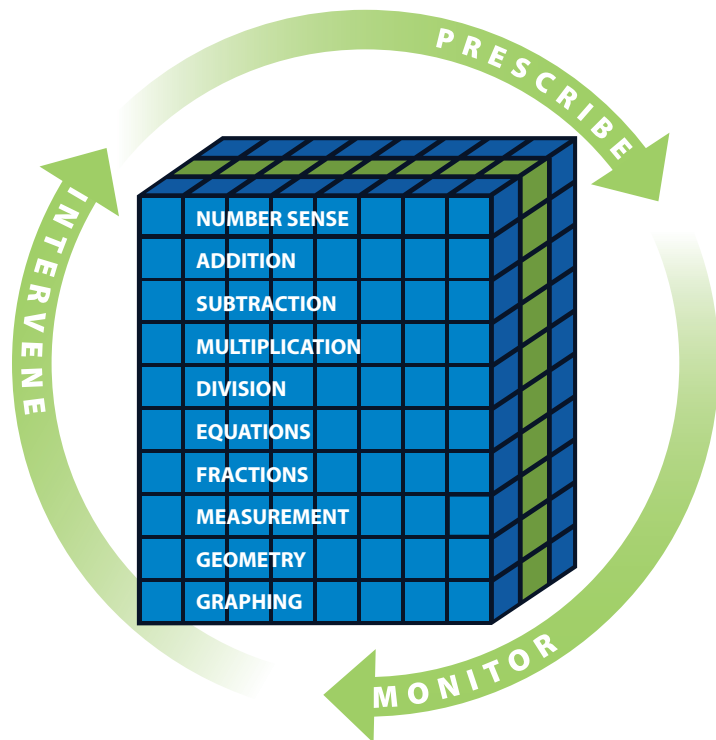
- Real-time progress monitoring helps teachers with formative instruction by providing data on errors, response times and skills mastered.
- Management tools enable administrators to assess program fidelity.

Intervene

- Based on interaction between students and the program, training is dynamically modified to meet individual needs.
- Students can accelerate through skills where proficiency is demonstrated and review concepts when extra help is required.

Fluency: The Passport Learning Difference

A critical success factor in mathematical proficiency, computational fluency requires students to develop a well-built foundation. Through extensive tutorial and practice sessions, Academy of MATH ensures that foundational math skills are mastered. As a result, students can devote cognitive effort to advanced math concepts, such as Algebra I.



Academy of MATH supplements existing curriculum by helping students build foundational skills that align to National Council of Teachers of Mathematics standards.

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"We're seeing gains of up to two years for students, and teachers in other subject areas have noticed improved attitudes and performance in students enrolled in the intervention program."

Amy Blanton, Coordinator of Instructional Technology
Rutherford County Schools, TN



Rapid, Measurable Results

Progress and program accountability reports give educators and administrators valuable tools to track student results—at student, class, and school levels—through a single management interface.

Benefits to Students

- Increase brain processing speed
- Increase computational speed
- Increase math comprehension
- Increase math vocabulary
- Increase problem-solving capabilities
- Develop higher-order-thinking skills
- Increase confidence

