



Programs to Support the Common Core State Standards: *Middle School and High School Mathematics*

Comprehensive, research-based programs, tools, and services that equip educators and learners to work and excel together.

A collaboration between the Charles A. Dana Center at the University of Texas at Austin and Agile Mind



The Common Core State Standards for Mathematics (CCSSM) present an extraordinary opportunity for districts across the country to move to higher levels of achievement for all students. These rigorous standards will require that districts reexamine what it means for all students to understand and to do mathematics in ways that prepare them for success in a rapidly changing world.

Agile Mind and the Charles A. Dana Center at The University of Texas at Austin have collaborated to help districts address this crucial challenge. Working with leading educators throughout the country, we have developed mathematics programs for middle school, Algebra I, Geometry, Algebra II, Precalculus, Calculus, and AP Statistics. These programs build on the Dana Center's trusted work with more than 100,000 teachers over the past decade and on the core belief that all students can succeed in mathematics if given the opportunity.

Help Students Succeed

"With Agile Mind math programs, students are getting more rigor, and are being challenged to think and work harder than in previous math classes. They are learning strategies and skills to help them in the future."

Our state-of-the-art, research-based approach to instruction deepens students' commitment to learning, encouraging their persistence in the face of academic challenge. By approaching learning conceptually in real-world contexts, our programs engage students in building strong foundational understanding, in retaining knowledge longer, and in working toward procedural mastery faster.

Help Teachers Succeed

"Though I am an experienced teacher, every topic in Agile Mind provides me with a new way to introduce and teach the course. I find creative problems, demonstrations, and interactive animations to engage each student. Agile Mind gives me access to resources that make me a better teacher. As a result I have better students."

Agile Mind integrates instructional, assessment, and reporting resources, providing teachers with the tools to enhance their teaching practice in ways that speak to the realities of the classroom—as well as to the new and emerging measures of their effectiveness.

Agile Mind offers:

- Next-generation technologies that make classroom instruction more effective and extend the learning experience beyond school
- Engaging, comprehensive curricula that provide opportunities for students to master the Standards for Mathematical Content and develop the proficiencies outlined in the Standards for Mathematical Practice
- Interactive animations that deepen student understanding of central concepts
- Professional support for teachers built on research-based, high-yield teaching and learning strategies
- Student practice, review, and preparation for high-stakes assessments
- Embedded formative assessments and real-time reports on progress of learning

For your teachers...

Our programs offer comprehensive support for all your teachers, whether they are new to the profession or highly experienced.

- Research-based, standards-aligned instructional resources, enriched by visualizations of key mathematical concepts, that increase student engagement and learning
- Formative assessment tools that provide rapid feedback with real-time reporting
- Online and face-to-face professional development directly tied to practice

For your students...

Now all your students can access a rigorous curriculum—presented in a way that engages them, keeps them motivated, and ensures their success.

- In-depth, hands-on exploration resources, including animations, simulations, and practice problems, to build comprehension of key concepts
- Continuous feedback from interactive animations, formative assessments, tips, and guided questions and answers
- Scaffolded instruction that targets needed practice and review through rich visualizations, multiple representations of concepts, and engaging lesson activities
- Preparation for high stakes assessments with both automatically graded and open-response questions

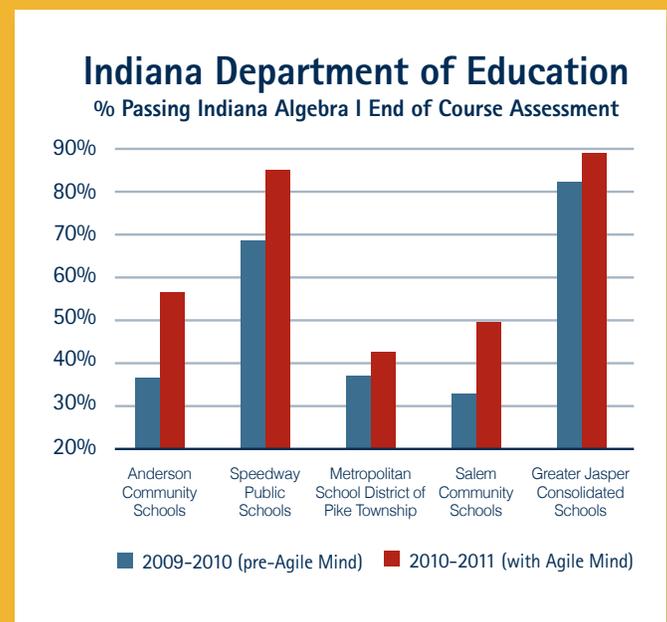
For more information on how to bring Agile Mind programs to your school or district:

Call toll free: (866) 284-4655
Email us at info@agilemind.com

Case study of success

In 2010, the Indiana Department of Education's Classroom Innovation in Mathematics (CIM) grant funded implementation of technology-based instructional models that support district transition to the Common Core State Standards in Mathematics (CCSSM). Through the CIM grant, districts were given the option to choose between one of three programs for implementation in the 2010–2011 school year. Ten of eighteen qualifying districts chose Dana Center/Agile Mind CCSS mathematics programs for grades 6, 7, 8 and Algebra I, making a commitment to use the programs for at least 80% of their core curriculum.

The graph represents student performance data on the Algebra I End of Course Assessment (ECA) from five participating districts for the 2009–2010 (pre-Agile Mind) and 2010–2011 (with Agile Mind) school years. The data show increases in student passing rates for each of the five districts after implementation of Agile Mind programs.



Agile educators. Agile learners. Agile tools to support high achievement.

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