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

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Middle & High School Math

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.
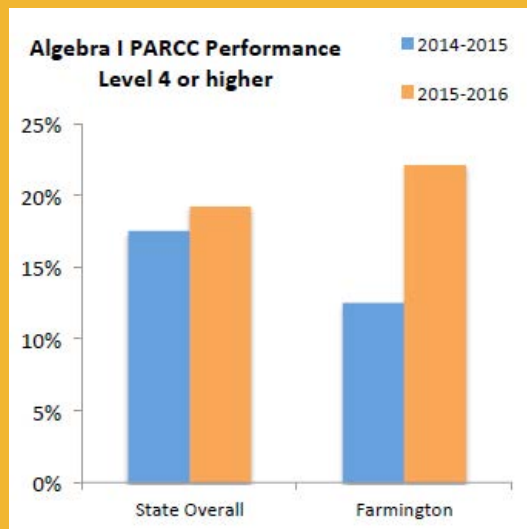
- **In-depth, hands-on exploration resources**, including animations, simulations, and practice problems, to build comprehension of key concepts

- **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

Case study of success
Farmington, NM

Farmington Area Public Schools first administered the PARCC Assessment during the 2014–2015 school year. With Agile Mind as the core Algebra I curriculum in 2015-2016, PARCC performance increased dramatically.

Students achieving a performance level of 3 or higher increased from 37.1% to 52.6% — moving the district from significantly below to significantly above that of overall student performance in the state. In addition, the percentage of students meeting or exceeding expectations on PARCC (4 or higher) nearly doubled, increasing from 12.5% to 22.1%, and significantly outpaced the overall performance of students across the state (shown below).

Algebra I PARCC Performance Level 4 or higher — 2014-2015, 2015-2016; State Overall, Farmington

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

The University of Texas at Austin
Charles A. Dana Center

agile Mind®

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