



Agile Minds Math Curriculum Implementation

October 2025 Board Update

Mathematical Excellence Through Research-Based Instruction



WHAT IS AGILE MINDS & IMPLEMENTATION TIMELINE

What is Agile Minds? *"Research-based blended learning mathematics curriculum developed with the Charles A. Dana Center at UT Austin, serving 250,000+ students nationally"*

Three Core Components:

- **Research-Based Curriculum:** 20+ years of educational research, proven effectiveness in student achievement
- **Blended Learning Platform:** Interactive technology with print materials, real-world mathematical connections
- **Growth Mindset Integration:** Embedded supports, productive struggle opportunities, trauma-informed design

Implementation Timeline Recap:

- **Spring 2025:** Curriculum adoption process completed
- **Summer 2025:** Lead teacher training (Ms. Bingham & Mrs. Ehler)
- **August 2025:** Full implementation launch grades 7-12
- **Fall 2025:** Ongoing monitoring through PLCs and classroom observations

Current Scope: 7th Math, 8th Math, Algebra I, Geometry, Algebra II plus Intensive Algebra for targeted support



RESEARCH BACKGROUND & BENEFITS

Research Foundation:

- **Developed by:** Charles A. Dana Center, University of Texas at Austin
- **Research Base:** 20+ years of mathematics education research
- **National Impact:** 250,000+ students served with measurable improvements
- **Quality Recognition:** 100% score on Texas Education Agency high-quality materials rubric

Three Key Research Benefits:

1. Academic Achievement Gains

- Students show improved mathematical proficiency through research-based instructional sequences
- Problem-solving skills develop through authentic, engaging mathematical contexts

2. Engagement & Persistence Improvements

- Blended learning increases time-on-task and mathematical participation
- Interactive technology maintains student attention and motivation

3. Growth Mindset Development

- Embedded mindset messaging builds mathematical resilience and confidence
 - Productive struggle opportunities teach persistence through challenges
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The Agile Mind Learning Experience

Teachers	Students
Step 1: Launch	
Engage students with real world scenarios that connect with daily life and previous learning.	Consider new concepts through scenarios relevant to them.
Step 2: Explore	
Guide problem solving and exploration of mathematical concepts using questioning, differentiation, and engagement strategies.	Explore concepts through engaging tasks and interactive animations. Students learn to persevere in problem solving collaboratively and independently.
Step 3: Consolidate	
Facilitate effective classroom discussion and clarify and solidify students' understanding as they move from concrete examples to mastery of abstract concepts.	Develop deep conceptual understanding and mathematical connections as they reason, justify, and generalize their thinking.
Step 4: Apply	
Monitor student learning using formative assessments and real time data, adjust instruction for whole class, small groups, and individuals.	Apply and reinforce what they have learned. They continue to practice and review skills through lessons, assignments, and assessments.



INTENSIFIED CURRICULUM

Growth Mindset:

- There is a strong presence of brain science in this curriculum.
- Students are understanding brain science and how it relates to them learning math.

More Time

- Students are given 2 class periods to work on the concepts in Algebra
- Class is structured differently than the core classes.

Variety of ways to show what they know

- Core Activity
- Consolidation Activity
- Homework
- Staying Sharp
- Guided Assessment
- More Practice
- Online Assessments

Student Impact & Voice:

- Activities
- Reflection on Guided Assessment
- Ownership for learning

"How does Agile Minds create mathematical learning experiences that support all students in developing both competence and confidence?"



OWLS WITH GRIT ALIGNMENT

Perfect Partnership: Agile Minds + OWLS with GRIT

Ownership with Growth:

- Student self-monitoring tools and mathematical goal-setting
- Progress tracking systems that encourage learning responsibility
- Data dashboards helping students own their mathematical development

Willingness with Resilience:

- Productive struggle built into curriculum design
- Multiple solution pathways teaching persistence through difficulties
- Scaffolded supports helping students work through mathematical challenges

Leadership with Intensity:

- Collaborative learning structures developing mathematical leadership
- Peer explanation opportunities building communication skills
- Focused engagement through interactive technology platforms

Success with Tenacity:

- Spiraled review ensuring long-term mathematical retention
- Celebration of mathematical growth and persistent effort
- Long-term skill building requiring sustained mathematical practice

"Agile Minds' focus on 'engagement, persistence, and achievement' directly supports our GRIT culture, creating mathematical learners who embody OWLS with GRIT values."



INITIATIVE UPDATE

Current Progress Status:

- **Teacher Training:** Staff training for staff mathematics teachers
- **Curriculum Fidelity:** Ongoing monitoring through classroom observations and PLC work
- **Student Placement:** Data-driven placement using MAPS, SBAC, and i-Ready assessments
- **Family Communication:** Multiple touch points including Open House, newsletters, and conferences

Data Collection in Progress:

- **October-November:** Student engagement evidence and homework completion tracking
- **Monthly:** Unit pre/post assessment analysis and progress monitoring
- **Ongoing:** Student voice feedback and classroom implementation observations
- **Quarterly:** Comprehensive program evaluation and adjustment planning

Early Implementation Observations: [Insert 1-2 sentences about positive trends observed in first month of implementation]



NEXT STEPS & COMMITMENT

Our Promise to Students: *"Every student will experience rigorous, engaging mathematics instruction that builds both mathematical competence and growth mindset character through research-based curriculum implementation."*

Commitments:

- **Ongoing Data Collection:** Continue systematic gathering of student engagement evidence, mathematical growth data, and OWNERSHIP development through monthly monitoring
- **Professional Development:** Sustained teacher support through collaborative PLCs, targeted classroom observations, and curriculum implementation coaching
- **Responsive Instruction:** Use assessment data and student feedback to adjust instruction and ensure every student's mathematical success
- **Family Partnership:** Maintain transparent communication about student progress and provide resources for supporting mathematical learning at home
- **Next Board Update:** December 2025 - First quarter implementation data, student work samples, and early achievement outcomes

"Questions about our Agile Minds implementation and commitment to mathematical excellence?"
