



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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MS. BINGHAM - CLASSROOM IMPLEMENTATION EVIDENCE

Ms. Bingham's Implementation Data:

Student Engagement Evidence:

- [Insert specific data: homework completion rates, technology interaction time, class participation metrics]

Student Voice/Feedback:

- [Insert 2-3 student quotes about Agile Minds lessons]
- [Insert student reflections on how the curriculum helps their learning]

Student Work Examples:

- [Insert descriptions of student work samples showing mathematical thinking]
- [Insert evidence of students using multiple solution strategies]

Implementation Strategies:

- [Insert 1-2 specific Agile Minds practices used daily]
- [Insert description of how blended learning model works in classroom]

Data Points:

- [Insert specific metrics: assessment scores, engagement rates, completion data]

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



MRS. EHLER - CLASSROOM IMPLEMENTATION EVIDENCE

Mrs. Ehler's Implementation Data:

Student Engagement Evidence:

- [Insert specific data: homework completion rates, technology interaction time, class participation metrics]

Student Voice/Feedback:

- [Insert 2-3 student quotes about Agile Minds lessons]
- [Insert student reflections on mathematical growth and confidence]

Student Work Examples:

- [Insert descriptions of student work samples showing problem-solving growth]
- [Insert evidence of students demonstrating mathematical ownership]

Implementation Strategies:

- [Insert 1-2 specific Agile Minds practices used daily]
- [Insert description of how growth mindset integration works in practice]

Data Points:

- [Insert specific metrics: pre/post assessment data, engagement tracking, progress monitoring]

"How do Agile Minds practices help students develop mathematical resilience and take ownership of their learning?"



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:** 100% completion rate for lead 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."*

Four 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?"
