

## Math 180: Proven Math Intervention for Texas Students

### PROGRAM OVERVIEW & RESEARCH

**Math 180**® is a nationally recognized, research-proven math intervention program **designed for students in grades 3–12** who are **one or more years behind in math**. Built to accelerate learning and prepare students for algebra readiness, *Math 180* combines adaptive technology, teacher-led instruction, and real-world relevance to deliver measurable results. Students build toward Algebra competence in a dedicated intervention classroom with *Math 180 Texas*, or in a core classroom with *Math 180 Flex Texas*. **Personalized software**, combined with **teacher-facilitated instruction**, accelerate striving students toward grade-level proficiency, **raising achievement scores by an average of 2+ years in one school year**.

*Math 180* is **grounded in a 25-year robust research base** that integrates learning science, efficacy studies, and best practices in mathematics instruction. The program is designed to accelerate student learning by focusing on coherence, rigor, and communication aligned with TEKS math standards. *Math 180* includes **high-leverage teaching methods, data-driven differentiation, approaches for emergent bilingual and multilingual learners, and assistance for students with special needs**. *Math 180* helps students across all subgroups, including those in general education, special education, and English learners, build confidence and agency in their learning. It leverages adaptive technology and real-world applications while focusing on rebuilding foundational math skills and preparing students for algebra readiness. Program highlights include:

- **Flexible Implementation** - Used within a dedicated intervention classroom or integrated into core instruction.
- **Adaptive Technology** - Personalized student application and Brain Arcade build fluency and confidence.
- **Teacher Success Pathways** - Embedded professional learning supports new and veteran educators.
- **Spanish Language Support** - An English-Spanish toggle ensures accessibility and support for those learners whose first language is Spanish. Students can simply switch languages within the Student Application, making it easier to stay focused, confident, and connected to their learning journey.

### EFFICACY & OUTCOMES

*Math 180*'s efficacy has been validated through mixed-methods research and collaboration with school districts and third-party organizations. It has been the subject of multiple studies, consistently demonstrating measurable gains in student achievement. Our research indicates more than **25,000 students** who completed **15+ Math 180 Topics** achieved an average of **nearly two years of growth** in just one academic year. Key findings include:

- **Accelerated Growth:** Students using *Math 180* consistently achieve more than 1.5–2 times the expected annual growth in math proficiency when implemented with fidelity.
- **Subgroup Success:** Multiple subgroups, including Students with Disabilities and Emergent Bilinguals, showed significant gains in math comprehension and skill mastery compared to peers not using the program.
- **Software-Only Impact:** Even students using only the *Math 180* Student Application for 15–20 minutes, three times a week, demonstrated 1.5x the expected yearly growth.
- **MAP Growth Integration:** Texas Districts using NWEA® MAP® Growth™ will benefit from the integration with *Math 180* to ensure accurate placement and track progress, enabling targeted instruction and measurable outcomes.

In a recent study conducted in one of the largest districts in the nation serving more than 110,000 students, more than **8,000 students in grades 6–10** participated in *Math 180* with transformative results. Starting off the school year, only **5%** of students were on or approaching grade level, but after only one year of *Math 180* instruction **proficiency rose to 26%** on the MAP Growth Assessment. There was a **14-point decrease** in students scoring in the lowest quantile, and an **18-point decrease** in students scoring at or below the 40th percentile. This success story underscores *Math 180*'s ability to accelerate learning in large-scale implementations for the students most in need, using MAP Growth not only for placement but also to track progress and guide instruction.

*Math 180* is **endorsed by the Council of Administrators of Special Education** (CASE), an international professional organization that provides leadership to advance the field of special education. The official CASE endorsement followed an extensive review process to ensure *Math 180* met or exceeded criteria that included fidelity of the product, professional development, accessibility, organizational/technical requirements, evidence of the research base and quality of the research, along with satisfaction data advocated by CASE.

## NATIONWIDE IMPACT

*Math 180* is used across all 50 states, in over 2,000 sites, and has been used by more than 1 million students since its initial release in 2013. It delivers over 2x the expected annual growth in student achievement when implemented with fidelity.

Key findings from multiple studies show the power of *Math 180*:

- **184 average Quantile® measure gain** | A study in Cobb County GA showed students using *Math 180* experienced significant achievement growth in one year of implementation.
- **1.75x assessment score increase** | A comparison study in Hillsborough County FL showed students using *Math 180* had an average of at least 1.75 times the score increase vs. the non-*Math 180* counterparts on their assessments.
- **1.5x growth via digital access** | Students in a *Math 180* Digital Access study demonstrated 1.5x expected yearly average growth in mathematics.

## TEXAS PRESENCE & IMPORTANCE

*Math 180* is currently used across several districts in Texas, in both dedicated intervention and flexible core classroom environments. *Math 180* aligns with Texas math priorities including delivering strong student outcomes, emphasizing relevance, and meeting rigorous standards for intervention efficacy. Top Texas math priorities in House Bill 2:

### Mathematics Achievement Academies

- HB 2: Expand PD for K-3 teachers with stipend requirements
- *Math 180*: Offers structured PD modules adaptable for stipend-eligible formats

### Early Numeracy Intervention

- HB 2: Strengthen foundational math skills in early grades
- *Math 180*: Bridges foundational gaps for Grades 3-12 students significantly behind

### Algebra Readiness

- HB 2: Prepare students for success in Algebra I
- *Math 180*: Targets algebra readiness through scaffolded, adaptive instruction

### Use of Diagnostic Tools

- HB 2: Expand tools like ESTAR/MSTAR and K-2 Rapid Assessments
- *Math 180*: Built-in diagnostics and dashboards support data-driven instruction

### Support for High-Need Students

- HB 2: Address learning gaps in underserved populations
- *Math 180*: Tier 2/3 intervention for ELs, SPED, and struggling learners

### Instructional Opportunity

- HB 2: Ensure access to high-quality math instruction
- *Math 180*: Differentiated supports for all levels of proficiency and to meet students' unique learning needs

### TEKS Alignment

- HB 2: Instructional materials must align with Texas standards
- *Math 180*: Fully aligned with TEKS for math in grades 4-8

### Digital & Blended Learning

- HB 2: Encourage scalable, tech-enabled instruction
- *Math 180*: Combines digital and teacher-led instruction for blended learning

### Accelerated Learning Plans

- HB 2: Require districts to implement accelerated learning strategies
- *Math 180*: Designed for acceleration, rapid skill development and grade-level catch-up

## CONCLUSION

*Math 180* is more than a program—it's a proven pathway to algebra readiness and student success. With strong Texas momentum, national credibility, and alignment to state standards, *Math 180* is creating a transformative impact across Texas classrooms.