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McGraw Hill appreciates the opportunity to present ALEKS as a supplemental math program for consideration in the Texas IMRA 2025 process. We are proud to share that the State Review Panel has recognized ALEKS for achieving 100% TEKS alignment across grades 6-8, Algebra, Geometry, Algebra 2, and Precalculus. Additionally, ALEKS received strong scores on the Quality rubric, reflecting its effectiveness and value as an educational resource.

How ALEKS works for Texas

ALEKS is a powerful online assessment and learning platform for students in grades 6–12. Using an adaptive Initial Knowledge Check and regular Progress Knowledge Checks that promote retention, ALEKS pinpoints each student's mastery of the TEKS standards for their course. Based on these insights, ALEKS delivers personalized, adaptive instruction focused on the topics students are ready to learn, filling essential prerequisite gaps and accelerating them to grade-level learning and mastery. This targeted, data-driven approach empowers students to advance through Texas grade-level standards confidently.

Developed through decades of research and supported by the National Science Foundation, ALEKS uses Knowledge Space Theory to transform learning. Recognizing that knowledge is a complex web of interconnected topics, ALEKS continuously maps each student's unique understanding and guides students to the topics they're most ready to learn. This empowers students to learn purposefully at the boundaries of their current knowledge and successfully learn topics more than 90% of the time.

ALEKS is simple to implement and ready to support educators from day one. Each course is pre-aligned to TEKS standards, ensuring students immediately begin progressing toward key benchmarks. Students' seamless onboarding experience guides them through their Initial Knowledge Check and into their adaptive learning path. Through an intuitive, real-time data dashboard, ALEKS keeps teachers informed of class activity and progress, suggests instructional topics, and recommends student groups with similar needs.

Educators can trust ALEKS to deliver effective, ready-to-use courses while offering flexible customization options to meet their unique classroom needs. They may customize the sequence of topics in the adaptive path, set goals to encourage positive learning habits, and assign targeted practice beyond the adaptive path to reinforce skills or extend coverage of standards.

To maximize learning gains, we recommend students aim for 60 minutes per week in ALEKS. Because ALEKS is designed for independent use, students can use it during rotation time, personalized learning sessions, or before or after school. Its flexibility makes it suitable for a variety of formats and ensures students can make meaningful progress in a way that aligns with classroom needs.

Efficacy

ALEKS has a history of success in Texas. For example, Harmony Public Schools, headquartered in Houston, is a charter school system that serves more than 30,000 Texas students. As part of their commitment to excellence in STEM, Harmony Public Schools use ALEKS. Their ALEKS usage has delivered significant improvement in math scores. In 2014–15, 70% of ALEKS users achieved growth on NWEA MAP tests, with greater time spent correlating to higher growth. During the 2016–17 school year, students raised their math scores by an average of 25%, with improvements ranging from 16% to 34% across different campuses. Notably, 96% of eighth-grade students and 94% of ESL students passed the STAAR exam, enabling progression to high school. The program's adaptability also supported English language learners by offering bilingual functionality. For more information on the Harmony Case Study



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and others, see: [Harmony Public Schools "Race to the Top" With ALEKS®](#). This district continues to actively utilize ALEKS today.

Commitment to future

ALEKS Math for grades 6–12 is designed to continuously evolve, delivering educators and students the best possible learning experience. Our dedication to aligning with Texas standards ensures that content remains up-to-date and relevant to state requirements. We are also enhancing accessibility features to support diverse learning needs, fostering an inclusive environment for all users. To further empower educators, we are expanding professional development opportunities—both integrated within the product and through external resources—providing valuable training and tools to help maximize the impact of ALEKS in the classroom.