



Publisher's Response: Texas GO Math!

HMH appreciates the Texas Resource Review process and the commitment the Texas Education Agency has to providing reliable reviews of educational programs, as well as guidance to school districts for their selection of quality instructional materials for students, teachers, and families. As indicated in the evaluation of the Texas GO Math! for Grades K–8, the program was specifically designed to develop students' content knowledge with full coverage of the Texas Essential Knowledge and Skills and English Language Proficiency Standards Alignment for all grade levels. The evidence-based reviews highlight Texas GO Math! as a comprehensive system of mathematics instruction that provides teachers with the tools and resources needed to support students with a strong foundation and successful mastery of mathematical concepts and process standards.

Overall, the evaluation of Texas GO Math! was positive and the reviewers provided a significant amount of evidence in support of the quality of the materials. HMH respectfully disagrees with the scoring of several indicators for which the program indeed provides evidence.

2.5 Materials include cohesive, year-long plan for students to develop fluency in an integrated way.

Fluency practice is not within a single component in Texas GO Math!. It is embedded in the instructional strategies throughout the curriculum. The goal in Texas GO Math! is for students to learn efficient methods for solving procedures based on understanding. Student learning of traditional algorithms starts with concrete models connected to underlying concepts. Eventually students draw their own representations and finally work with efficient algorithms, so their proficiency prepares them to learn future mathematics. Modules and lessons in the Texas GO Math! program are designed and organized with a year-long plan in mind, in accord with the latest research on learning progressions, so that students purposefully build conceptual understanding before focusing on application and procedural fluency.

Texas GO Math! provides digital teacher tools that allow for effective planning, instruction, and assessment of content throughout the program. The digital offerings allow for teachers to organize, view, and assign digital content by TEKS, DOK, Rtl Skills Trace, assessment needs, and prescribes personalize intervention for all learners.

2.6 Materials support students in the development and use of mathematical language. The Texas GO Math! Teacher Edition includes scaffolding around students' development and use of academic vocabulary through discourse and exploration, which can then be directly applied to the context of the task. There are additional teacher supports that include differentiated options to encourage students' vocabulary development through small-group activities and Rtl tiered mini-lessons. Strategies for English Learners specified in the Teacher Edition provide teaching and learning support for critical language and vocabulary development. The Teacher Edition also directs attention to the online ELL Activity Guide that includes leveled activities designed to develop language proficiency.



2.8 Materials are supported by research on how students develop mathematical understandings.

In addition to the research by author Matthew Larson, Ph.D., cited, GO Math! recognizes that teaching mathematics effectively is a complex endeavor, and it takes time to integrate new instructional strategies into practice. Toward that end, Texas GO Math! embeds lesson tutorial videos and professional development resources into the researched-based curriculum.

Dr. Edward Burger is a nationally known math professor and educational innovator. His video tutorials are available for examples shown in the Texas Student Edition. The videos provide students step-by-step instructions and explanations of key math concepts. They are a valuable resource for students and caregivers, who need help with a specific concept, and are accessible through online links. Teachers can also project these tutorials for large group instruction.

In a series of professional development videos, Texas GO Math! co-author Dr. Juli Dixon models successful teaching practices and strategies for integrating the Mathematical Process Standards in actual classroom settings. Dr. Dixon is an active researcher and speaker with numerous publications and conference presentations. Her key areas of focus are deepening teachers' content knowledge and communicating and justifying mathematical ideas. Dr. Dixon's videos are an invaluable resource as teachers work collaboratively with their colleagues to ensure that all students successfully attain the standards and that teachers grow in their own knowledge of mathematics and highly effective instructional strategies.

3.B.2 Materials provide opportunities to discuss mathematical ideas to develop and strengthen content knowledge and skills.

The 5E lesson framework in Texas GO Math! helps ensure that students explore worthwhile activities in every lesson to develop their understanding of mathematical concepts through reasoning and problem solving in a variety of settings.

Math Talk is a central feature of Texas GO Math! Question prompts and sample dialogue in the Teacher Edition support teachers as they engage students to develop their conceptual understanding. The guidance helps teachers focus on the key elements of the students' conversations. The provided Math Talk allows teachers to flexibly choose how this conversation is to be implemented, whether that may be done as a whole group, small group, or partner conversation.



4.1 Materials include developmentally appropriate diagnostic tools (e.g., formative and summative progress monitoring) and guidance for teachers and students to monitor progress

Diagnostic tools measure all content and process skills as outlined in the TEKS and Mathematical Process Standards. The Personal Math Trainer is a digital assessment and intervention program that provides both formative and summative assessments, and automatically prescribes a targeted, personalized intervention path for students.

4.2 Materials include guidance for teachers and administrators to analyze and respond to data from diagnostic tools.

The Personal Math System allows teachers to assign homework, practice, and assessments to individuals or their entire class. A complete reporting system provides results for teachers or administrators and automatically prescribes intervention based on individual student scores.

Question prompts as well as Are You Ready?, Show What You Know, Lesson Quick Checks, and Assessments in the format of the Texas Assessment at the end of each unit provide teachers continual and real-time options to use evidence of student thinking to adjust and guide instruction. These diagnostic assessments help teachers or administrators determine the appropriate differentiated instructional materials needed to support all students.

6.4 Materials provide guidance on fostering connections between home and school.

Digital components are a valuable resource to foster connections between home and school. For Grades K–2, Texas GO Math! features an At Home Learning Support tab. A printable Student Edition with embedded homework practice mimics the practice in the lesson so that caregivers can practice at home with the students. The Interactive Student Edition includes all Student Edition pages for students and caregivers to access at home. It also provides audio reinforcement for each lesson and features point-of-use links to Animated Math models, Math on the Spot videos, Personal Math Trainer, and iTools.

For Grades 6–8, Texas GO Math! features a next generation online Student Edition that is designed to work on any internet-enabled device, including tablets and smartphones, and allows students to “write-in” the book online! The digital components are a valuable resource to foster connections between home and school. Students click on embedded icons in the online Student Edition to access videos, interactivities, assessments, and the Personal Math Trainer.

The Animated Math provides students and caregivers with a short interactive activity or simulation of key concepts. The Math on the Spot Videos actively introduce lesson concepts, help students solve H.O.T. problems, and build skills needed in the Texas Assessment. The videos give students and caregivers step-by-step instructions for every example. The Real-World Video icon at the opening of every module shows students and caregivers how the key concept of the module applies to an everyday setting. The Personal Math Trainer can be



assigned as homework. Students and caregivers click on the PMT link/icon to view examples and step-by-step learning for personalized intervention of math concepts. The iTools online provide students access to manipulatives at home that they would traditionally have in the classroom. This gives students the opportunity to build conceptual understanding and support students in their home environment.

HMH acknowledges the time and dedication given by the Texas Resource Review team to the Texas GO Math! materials and will be mindful of the feedback to ensure we continue to provide high-quality instructional programs in the future.