



COMMITTEE RECOMMENDATION AND RATIONALE

Keller ISD Mission Statement

The Keller Independent School District, with an unwavering commitment to excellence and in partnership with our community, will achieve the highest standards of performance by providing exceptional educational opportunities for all students.

2-26-08

To: Central Textbook Committee
From: 2007-2008 Textbook Sub-Committee
Re: Textbook Adoption

Dear Central Textbook Committee:

We appreciate the opportunity to work together towards consensus for the Elementary Mathematics Textbook Adoption. We unanimously agreed on Scott-Foresman-Addison Wesley's *enVisionMATH Texas* as the textbook of choice for Keller ISD. Following is the overview and rationale.

Overview:

enVisionMATH Texas: Daily problem-based interactive learning followed by visual learning strategies deepen conceptual understanding by making meaningful connections for students and delivering strong, sequential visual/verbal connections through the visual learning bridges in every lesson. Ongoing diagnosis & intervention and daily data-driven differentiation opportunities ensures that *enVisionMATH* gives every student the opportunity to succeed.

Option considered for grades 1 – 5: **Investigations in Number, Data, and Space, 2nd Edition**: A research-based, child-centered approach to teaching mathematics through engaging activities, discussions, and problem solving. Students are involved in meaningful mathematical problems, and teachers engage in ongoing learning about mathematics content and how children learn mathematics.

Rationale:

enVisionMATH Texas is based on scientific research on how children learn mathematics as well as on classroom-based evidence that validates proven reliability.

Research shows that the best way to help students develop deep understanding of concepts is to have them interact with each other and their teachers. The *enVisionMATH Texas* program begins every lesson with problem-based, interactive activities that connect prior knowledge to school and daily life.

The *enVisionMATH Texas* program is organized around the TEKS and develops the student expectations thoroughly in a spiraling format while engaging students with literature and meaningful math projects focused on cross-curricular connections. In addition, the TEKS are paced to ensure coverage before the state assessment.

The *enVisionMATH Texas* program helps teachers differentiate and meet the individual needs of every student with TEKS vocabulary development, TAKS reading comprehension and problem solving strategies and TAKS written and oral language in mathematics.

In addition, *enVisionMATH Texas* utilizes state of the art technology with online learning and student progress monitoring with the TEKS, instruction by topic, skill and/or student expectation and provides personalized prescriptions in multiple modalities as well as a differentiated test generator, animated Power Points, lessons, games and more.