GROUNDBREAKING MATH DIFFERENTIATION GRADES 3–8
Personalized Instruction to Accelerate Achievement

State-funded, mathematics and reading online resources for all Texas public school students in grades 3-8. To learn more and to sign up visit www.texassuccess.org.
With a focus on fundamentals, Think Through Math will deepen students’ understanding of critical mathematical concepts and improve higher-order thinking and problem-solving skills.

Ready for STAAR

Targeting the most critical foundations for algebra, Think Through Math provides rigorous instruction and meaningful practice designed to develop understanding. Our mission is to provide students with an accelerated path to algebra, as well as to college and career.

LIVE Instructional Support

Students receive immediate corrective feedback at every step, as well as unprecedented access to certified, bilingual U.S. math teachers. This literally means that as students work at their computers, they receive just-in-time support—precisely when they need it!

Personalized, Adaptive, Intelligent

Students benefit from intensive, individualized instruction that addresses their unique needs. Think Through Math is intelligent and adaptive; it collects data based on individual responses, and adjusts instruction to meet a student’s individual needs.

AWARD-WINNING CONTENT

\textit{Codie}\textregistered 2012 SIIA Codie Winner

“BEST MATHEMATICS INSTRUCTIONAL SOLUTION”
Focus and Coherence
Think Through Math provides all the precursor lessons necessary for success at grade-level and anticipates the rigor of the upcoming STAAR assessment. From basic platform skills to the foundations of algebra-readiness to Algebra I, each student's learning path is individualized, relentlessly focused, and designed to meet students where they are.

Support Your RTI Strategy
Response to Intervention (RTI) supports the practice of providing high-quality instruction and interventions that match students’ learning needs. Think Through Math is the perfect companion to RTI, supporting students in each tier with adaptive placement, ongoing assessment, and instruction that meets students in their zone of proximal development.

TIER 3
Intensive intervention for students who need to rebuild their math foundation

TIER 2
Targeted remediation for students who are working a year or two behind (on some or all concepts)

TIER 1
Supplemental instruction and practice for students working on or close to grade-level

Critical Foundations for Algebra I

GROUNDWORK FOR MIDDLE SCHOOL MATHEMATICS:
Focus on the critical competencies, cement understanding and prepare for the rigor of advanced topics.

TRANSITIONING:
Deepen conceptual understanding and transition from the concrete to the abstract.

UNDERSTANDING THE SYSTEM:
Develop a comprehensive understanding of whole number operations and fractions.
We ♥ Texas
Alined to readiness and supporting TEKS, Think Through Math equips students with the tools they need to be ready for STAAR and to succeed at grade-level.

FOCUSED CONTENT
Think Through Math focuses on the development of skills and concepts that are essential for success at grade-level. The program follows the recommendations of the National Math Panel’s Final Report that states: “to prepare students for algebra, the curriculum must simultaneously develop conceptual understanding and problem solving skills.”

COHERENT STRUCTURE
The program emphasizes that there is a structure and coherence to mathematics, which helps students apply their understanding to new topics and allows students to successfully transition from elementary content to middle school, high school, and beyond.

DEEPEN CONCEPTUAL UNDERSTANDING
Deep understanding means that concepts are well represented and well connected to other concepts. Think Through Math makes intensive use of models—real world situations, manipulatives, number strips, graphs and diagrams—to help students see the connections between different topics and develop strategies and reasoning that serve as the foundation for learning more abstract math.

A HISTORY of RESEARCH

1993
- Research Foundation
- Led by the U.S. Air Force Research Laboratory
- 10-year Study
- 30,000 Students

2004
- Web-based
- Live Teachers
- 250,000 Students
- Grades 6-8

2012
- Web-based
- Live Bilingual Teachers
- Rigorous Instruction
- Meaningful Practice
- Unprecedented Support
- Grades 3 – 8
- Award-winning Content
Highly Adaptive Technology
Think Through Math delivers targeted, differentiated instruction to meet student needs. Every student has a unique, individualized learning experience, working in their own zone of proximal development at their own pace.

Placement Assessment
Every student begins with an adaptive placement test that measures their level of content mastery relative to grade-level expectations. The placement creates a highly personalized learning pathway for each student, targeting grade-level expectations.

Explicit Instruction
The program continuously collects performance data, modifies learning pathways, and provides immediate feedback at every step. A learning pathway targets areas of weakness as demonstrated by the student placement. This means that every pathway is individualized.

Live Teacher Support – English and Spanish
As students work independently on the computer at home or school, live bilingual support is only a click away. Students have access to just-in-time support from state-certified teachers—precisely when they need it. Our teachers are available day and night and have plenty of weekend office hours.

Meaningful Practice
Meaningful practice is practice that is based on conceptual understanding, number sense and connected to previously learned concepts and skills. Math makes sense and is easier when students have opportunities to strengthen and reinforce their knowledge.

Unprecedented Motivation
Many students are significantly stressed or fatigued by mathematics. Too many have never experienced success with math and have given up. Think Through Math motivates students to do more math both during and after school with its uniquely 21st century motivation system—a powerful blend of intrinsic and extrinsic motivators. The system is based on a single idea: reward effort.
UNPARALLELED ACCESS TO DATA

TTM Dashboards and Reports provide maximum transparency to the metrics that matter most. “Anytime, anywhere” access to implementation and student performance data enables all educators to use data to drive instruction and ensure a greater level of student achievement.

- Inform instruction
- Monitor achievement
- Support your RTI strategy
- Evaluate fidelity and success

STANDARDS REPORTS
This customizable report allows Texas educators to evaluate performance. Standards Reports provide actionable snapshots of student progress, strengths and weaknesses and overall class readiness.

OVERVIEW REPORTS
Overview reports allow educators to view customized student usage information thereby making informed decisions on usage and achievement—for entire classes or individual students.

DETAIL AND TREND REPORTS
All the information you need to track, monitor, and ensure student achievement—including implementation fidelity!
IT WORKS!

FLOUR BLUFF ISD SEES SOLID GAINS IN MATH

*Flour Bluff ISD, Corpus Christi, Texas*

Like many districts across Texas, Flour Bluff ISD is focused on getting ready for STAAR. At the end of the 2011 school year, 59% of students showed improved performance on TAKS, thanks in part to Think Through Math’s unique blend of rigorous content and unprecedented motivation. Grade 8 students showed the most dramatic improvement with 81% of students increasing their score on TAKS.

**BOTTOM LINE:**
Think Through Math delivers results, increases proficiency and accelerates learning.

Percent of Students Demonstrating 2011 Score Increase on TAKS After Using Think Through Math