# **ST**Math

ST Math is TEKS aligned and research based - and schools see proven, repeatable results

stmath.com/texas

### **ST Math is DIFFERENT**

ST Math is a PreK, K-5, and Middle School visual instructional program that leverages the brain's innate spatial-temporal reasoning ability to solve problems.

It's math taught the way the brain learns.

With ST Math, students build deep conceptual understanding, and schools see proven, repeatable results.

#### ST Math is not just another math game. Try it today at stmath.com/play



Aligned



Growth



Award-winning, **Patented Approach** 



100+ Efficacy **Studies** 



**Equitable Access** for Students

Request a personalized demonstration of any of these programs from an ST Math expert at texas@stmath.com.

How do I sign up? Visit **stmath.com/texas** to sign up. You'll be up and running in 2-3 weeks.



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## WHAT IS ST MATH? FREQUENTLY ASKED QUESTIONS

#### Why aren't there any written or audio instructions?

It may seem strange at first, but this is actually the magic of ST Math at work. The ST in ST Math stands for spatial temporal, and it refers to learning math concepts by manipulating objects in space and time.

ST Math's patented approach starts by teaching the foundational concepts visually, then connects the ideas to the symbols, language, and robust discourse. Why does this approach work so well? Because with visual learning, students are better equipped to tackle unfamiliar math problems, recognize patterns, and build conceptual understanding.

#### Is this an instructional or practice program?

ST Math is an instructional program by design - the visual feedback provided by every single interaction with the program helps build deep understanding. Rather than watching videos, students engage in rigorous math problem solving, a neuroscience-driven approach that aligns with learning science best practices. When students are logged in to ST Math, 95% of their time is spent engaged in meaningful math learning.

#### This seems unique. Will my students like it?

ST Math is built to harness the power of intrinsic motivation, so it engages students just like a video game. There are no time wasters; instead, students solve engaging visual puzzles to help JiJi the penguin get across the screen. We've often said that ST Math changes how students and educators feel about math and now, we have research to prove it! The Journal of Research on Technology in Education (JRTE) published a rigorous study that found students



Fractions on the number line are exciting in JiJi Cycle, one of over 230 ST Math games.

who play ST Math have higher mathematics self-beliefs than non-ST Math students.

#### Is there a universal screener?

We believe students should primarily engage with grade-level TEKS, so ST Math builds scaffolds into the grade-level instruction so that students are successful. ST Math quiz results are available before and after every objective for 2nd grade and higher, providing data points that empower teachers to monitor and analyze student success. While teachers can assign above or below grade level content manually, they may not always have the time. Our Assessment Support Tool will auto-assign content based on students' NWEA® (MAP® Growth) or other assessment scores.

#### What are the reports like?

ST Math reports include actionable data on minutes, puzzles collected, objectives mastered, current objective struggles, prior objective struggles, overall grade level % progress, schoolwide usage trends, TEKS covered, and content assigned by teachers. Additionally, teachers are trained on using ST Math puzzles to facilitate conversations to uncover student misconceptions and adjust instruction/plan intervention.