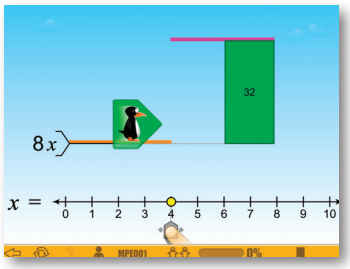
ST Math® touch

Secondary Intervention

featuring

Spatial-Temporal Math Instructional Software

ST Math®: Secondary Intervention instructional software is designed as a tier 2 intervention for students at the middle or high school level who are performing below grade level. Self-paced and language-independent, the Secondary Intervention software provides instruction on math standards prerequisite to mastering middle school math and algebra. Students' math readiness is first identified by a built-in diagnostic assessment which prescribes an individualized sequence of content for each student. Each learning objective contains pre and post-assessments for progress monitoring along the way. Teacher-guided instruction integrating ST Math software activities in the classroom rounds out MIND's blended learning model. In addition to accessing the software on desktop or laptop computers, teachers and students can access ST Math on supported tablets, enabling anywhere, anytime learning. With touch functionality, ST Math: Secondary Intervention further immerses students in a richly interactive, hands-on and gesture-based learning experience. The software also links seamlessly with interactive whiteboards, enabling increased flexibility for teachers to use ST Math in group instruction.



The spatial-temporal approach visualizes basic math facts and uses an engaging, problem-solving game strategy.

What is Spatial-Temporal Reasoning?

Born out of neuroscience research at the University of California, Irvine, MIND's unique approach accesses the brain's innate "spatial-temporal" reasoning ability. This ability, which lies at the core of innovative thinking and sophisticated problem-solving, allows the brain to hold visual, mental representations in short-term memory and to evolve them in both space and time, thinking multiple steps ahead. MIND's approach consists of language-independent, animated representations of math concepts delivered via computer software games.

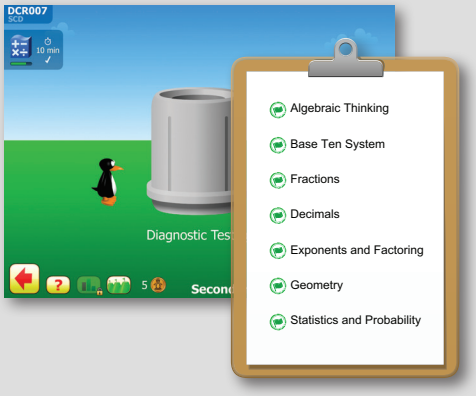
Technical Requirements

Works on Macs, PCs, and Chromebooks.
Requires 1GB of RAM, and a high-speed Internet connection.

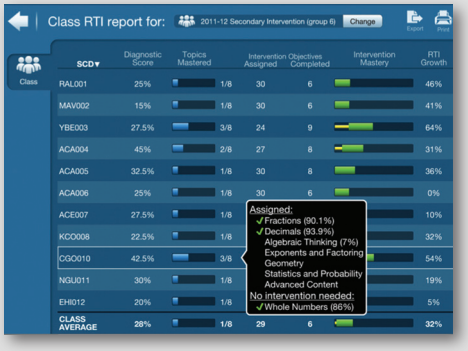
Also available on iPad 2 and newer and most Android tablets.
Requires 512MB of RAM and a high-speed Internet connection.

For detailed technical requirements, visit our website.

Program Features



Customized Curriculum for Each Student: The software generates a custom curriculum for each student based on results from a diagnostic assessment. Built-in quizzes ensure accurate measurement of student mastery for each topic.



Data-Driven Reports to Inform: Student, class and school reports, such as the RTI reports above, help teachers identify student difficulty in mastering standards and implement timely interventions.

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MIND Research Institute

A neuroscience and education research-based non-profit corporation

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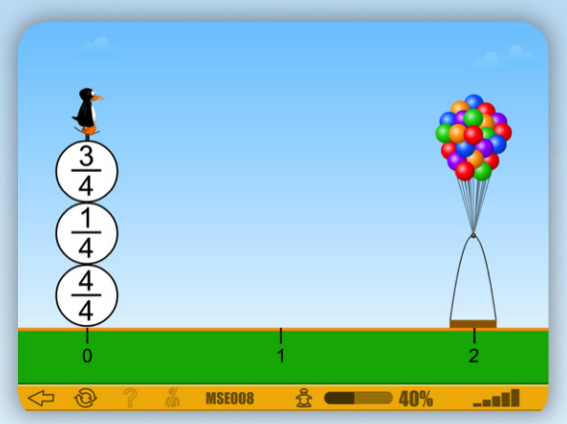
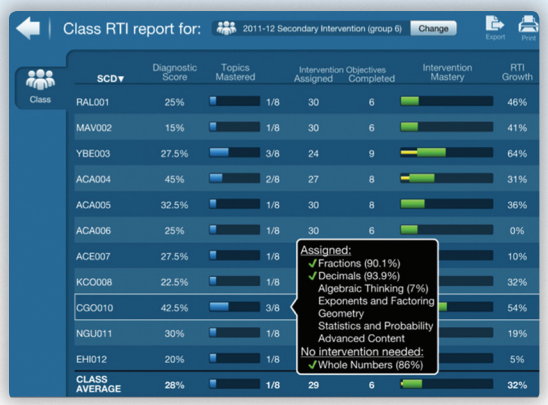
What is ST Math? ST Math®, created by MIND Research Institute, is a K-12 game-based software designed to boost math comprehension and proficiency through visual learning. The award-winning ST Math incorporates the latest research in neuroscience, motivation, learning and game theory. To reinforce the visual learning found in ST Math games, MIND provides teacher professional development, robust data feedback technology and year-long implementation support.

How does ST Math engage students directly in problem-solving, ing concrete, real-world scenarios, and aids in the development of abstract thinking? The game nature and the interactivity of the ST Math programs have proven extremely engaging for students. The games and puzzle screens are purposefully free of distractions so that students' focus is on the mathematics and working memory can be utilized doing problem solving and reasoning. The intrinsic drive to beat a game creates a very high level of persistence in problem-solving. The students, and their teachers, know that these games get to highly challenging levels requiring multi-step problem-solving. So when they win, they know they have earned their way up, and this helps to build student confidence in problem-solving.



How does ST Math reach students of various learning abilities and styles? Ongoing data has proven that the visual, conceptual problem-solving approach of ST Math dramatically improves the performance of all students including English Language Learner, Special Education and Gifted and Talented students.



What types of progress monitoring is available on ST Math? Teachers and district administrators can access continuously updated real-time class reports that allow them to see detailed information about each student, including objective progress and standards mastery. The reports use a simple visual cue to alert teachers about any student that might be struggling with a given topic. Teachers can quickly determine which students need assistance as they begin a class session. They can also use the reporting tool to identify groups of students by their current game or level or for specific remediation. These reports are aggregated and provided at the school, subdistrict and district level. The reporting tool also provides detailed information about individual students in the Student Level Response to Intervention (RtI) report, including student growth and mastery of overall content progressions such as Number Sense or Algebra and Functions.

How does ST Math align to the Common Core Standards in Mathematics? The MIND Research Institute designed the new generation of ST Math software from the ground up to meet the Common Core in both content and intent, ensuring that all students have access to powerful learning opportunities organized for focus, coherence, and rigor. One of the exemplifiers of this design process is the extent to which not only the content standards, but also the standards for mathematical practice are thoroughly embedded throughout the major work within the course. ST Math is genuinely a new way for students to learn mathematics conceptually that is not in any way based upon a prior textbook or other more traditional materials.

What platforms does ST Math run on? ST Math runs on desktop and laptop computers, tablets, netbooks, and interactive white boards.

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Try out ST Math featuring touch by downloading our apps from iTunes to your tablet.