Who We Are

MIND Research Institute is a nonprofit social impact organization focused on neuroscience research and its application in education innovation. Our mission is to ensure that all students are mathematically equipped to solve the world’s most challenging problems.

MIND Research Institute was founded in 1998 by scientists from the University of California who had come together years earlier to apply neuroscience findings to education. They found that children who interacted with software games that used visual, language independent animation to teach math concepts, showed significant improvement in their ability to conduct spatial-temporal reasoning.

Based on that research, we created ST Math®, a PreK-8 visual instructional program that leverages the brain’s innate spatial-temporal reasoning ability to solve mathematical problems. ST Math’s unique, patented approach provides students with equitable access to learning through challenging puzzles, non-routine problem solving, and informative feedback.

MIND also conducts ongoing neuroscience, mathematics and education research – often in collaboration with prestigious institutes such as Johns Hopkins University, the University of Pittsburgh, the University of Montreal and the Medical University of South Carolina.

In addition to ST Math, we strive to accomplish the organization’s mission through social impact. We partner with corporations, foundations and individuals who are investing in our initiatives through grants, in-kind donations and volunteer opportunities. We also work to bring the excitement of math to youth, families and communities outside of the classroom.

Our social impact initiatives and programs include:

- **Research and Development:** We collaborate with researchers from universities and organizations around the country to perform fundamental and applied research in neuroscience, mathematics, and education.

- **ST Math School Grants Program:** We aim to help education partners offset ST Math program costs through donor matching funds with the goal of allowing more students to see the math and grow into their potential.

- **MathMINDs Games:** We designed story-based games that bring together historical facts, ancient gameplay, mathematics and the world around us to create a highly connected experience for students, teachers and families.

- **K-12 Game-a-thon:** We challenge and empower students to design, build and share games that feature creative solutions to mathematical problems.

Partnering for Greater Impact
Results and Impact

With ST Math, students build deep conceptual understanding, and schools see proven, repeatable results. Longitudinal and broad-based studies across a wide variety of student groups continue to demonstrate ST Math’s efficacy in building lifelong learners prepared for success in STEM fields.

Independent research firm WestEd recently published the largest study of its kind to evaluate an education technology math program nationally, including over 150,000 students between 2013 and 2016. The study looked at grades 3, 4, and 5 in 474 schools across 16 states. The study found that schools that consistently used ST Math outgrew similar schools in statewide math proficiency rank by 14 percentile points. ST Math was found to have an average effect size of 0.36 on statewide ranking, well above what the 0.25 effect size that the federal What Works Clearinghouse defines as “substantively important.”

Recent Awards

2019 SIIA CODiE Winner
- Best Overall Education Technology Solution
- Best Mathematics Instructional Solution for Grades PreK-8

2018 SIIA CODiE Winner
- Best Game-Based Curriculum Solution

The EdTech Cool Tool Awards 2019 Finalist
- Math Solution
- Games for Learning/Simulation Solution

The Journal Readers’ Choice Awards 2018
- Best Math Program (Silver)