



## STEMworks – STEM Advisory Council’s Approved STEM Program October 2017

### ST MATH

#### PROGRAM OVERVIEW

*MIND Research Institute is a neuroscience and education social impact organization, dedicated to ensuring that all students are mathematically equipped to solve the world’s most challenging problems. MIND is the creator of ST Math®, a visual instructional program that builds deep conceptual understanding of math through rigorous and creative problem solving to engage, motivate, and challenge K-6 students toward higher achievement. ST Math incorporates the latest research in learning and the brain, promoting mastery-based learning and mathematical understanding. Longitudinal and broad-based studies across diverse population groups continue to demonstrate ST Math’s efficacy in building life-long learners prepared for success in STEM fields. ST Math currently reaches over 1.2 million students, 53,000 teachers, and 3,900 schools in 47 states across the country.*

#### TARGET GRADES

*PreK – 8<sup>th</sup> grade*

#### A UNIQUE OR SPECIAL FOCUS OF THE PROGRAM

*ST Math is a visual instructional program that builds a deep conceptual understanding of math through rigorous learning and creative problem solving to engage, motivate and challenge PreK-8 students toward higher achievement.*

#### THE PROGRAM’S IMPACT ON STUDENTS

*In the 2015-2016 school year, 35,214 students at 189 ST Math® partner schools in eight states showed an average increase in statewide percentile rankings of 10.7 points, compared to 0.4 points for similar control schools.*

#### SPECIFIC SKILLS STUDENTS WILL LEARN

- *Creative and rigorous problem solving*
- *Deep conceptual understanding of mathematics*
- *Intrinsic motivation*
- *Critical thinking and application*
- *Spatial-temporal reasoning*

#### RESOURCES PROVIDED TO EDUCATORS

*ST Math provides teachers with tools to monitor progress, facilitate learning for students who are struggling, and utilize digital manipulatives for whole class instruction. Resources such as professional development, student reports, live and recorded webinars, and robust technical support help empower educators so they can focus on student learning.*

#### WEBSITE

[stmath.com](http://stmath.com)

#### CONTACT INFORMATION

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