

# SOCIAL EMOTIONAL LEARNING

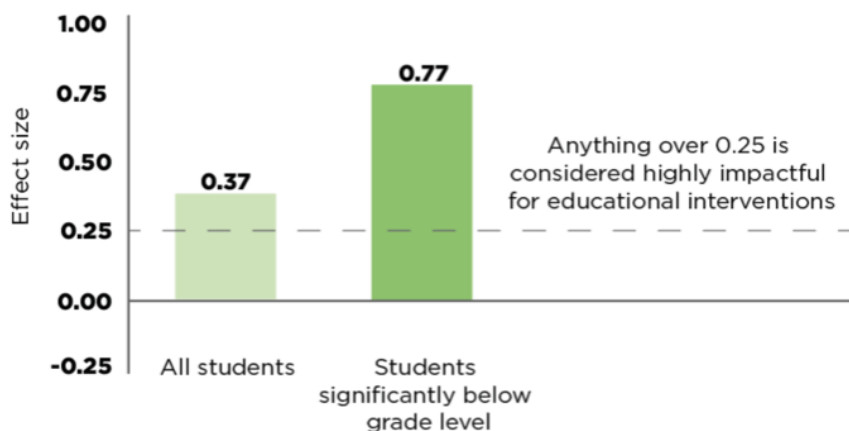
## ST Math: Social Emotional Learning

In the short version, social emotional learning (SEL) is the development of skills that support the whole learner: mental wellbeing, a growth mindset, healthy relationship building, and responsible decision making.

## ST Math Impacts Academics and SEL

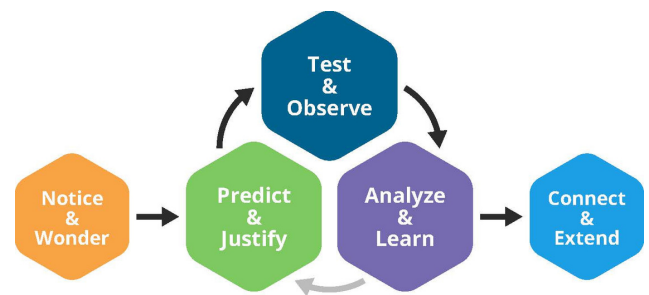
- SEL interventions that address the five core competencies **increased students' academic performance by 11 percentile points**, compared to students who did not participate.
- ST Math helps students develop a deep conceptual understanding of mathematics through productive struggle and experiential problem-solving.
- Students who play ST Math have higher mathematics self-beliefs than non-ST Math students and ST Math's impact on students' self-beliefs was strongest for students who started with low mathematics scores.

Effect Size of ST Math on Student Self Beliefs



“Students who believe they can accomplish a task are more likely to invest time and effort in working toward this accomplishment, even in the face of difficulty.”

- Rutherford et al, *Journal of Research on Technology in Education*, 2019.



## SEL and the ST Math Problem Solving Process

**Empowering students to go through the Problem Solving Process while playing ST Math can foster the SEL skills they'll need to be successful in future situations.**

Focus students' thinking about the problem.

Uncover students' thinking around how they plan to address the problem.

Encourage students to observe and process the results of testing their hypothesis.

Facilitate students in analyzing the feedback/results as an individual and in social situations

Stretch students' thinking.



ST Math is created by  
**MIND Research Institute**

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Can a game

# CHANGE

how you feel about

# MATH?



With ST Math, the answer is **YES** for nearly 1.8 million students across all 50 states.

ST Math is a PreK-8 visual instructional program that teaches math the way the brain learns.

Our patented, neuroscience-based approach is designed to drive deep conceptual understanding, and is proven over hundreds of studies to deliver repeatable results.

ST Math can make a positive impact for students as we work toward **learning recovery**.

ST Math is not just another math game. Try it today at **[stmath.com](https://stmath.com)**.



Higher Math  
Self Beliefs



Equitable Access  
for Students



Increased Proficiency  
on Grade Level



# ST Math

BEST FOUNDATIONAL MATHEMATICS INSTRUCTIONAL SOLUTION

//CODiE//  
2021 SIIA CODiE WINNER