



# ST Math

## ST Math Usage vs. Scores Growth in An Anonymous California District

ST Math is a PreK-8 visual instructional program that leverages the brain's innate spatial-temporal reasoning ability to solve mathematical problems. Its unique, patented approach provides students with equitable access to learning through challenging puzzles, non-routine problem solving, and informative feedback. With ST Math, students build deep conceptual understanding, and schools see proven, repeatable results.

As students work through the visual, spatial-temporal games and receive informative feedback, they master grade-level math concepts at their own pace. And the more grade-level standards they master, the greater their advantage on state assessments. Research studies across the country prove that ST Math drives more learning.

Wondering how spending more time with ST Math might impact your students on high stakes tests?

**We did the math.**

### How much did ST Math increase my students' scores?

We joined ST Math usage data with Smarter Balance scaled scores for 5565 students at an anonymous California school district in grades 4, 5, & 6 (2022) at 24 schools. We mathematically modeled how student SBAC score growth from spring 2022 to spring 2023 changed based on observed differences in ST Math usage (i.e., was more content completed, or less, all else being equal).

### The benefit of each **100% Progress of ST Math**

at an anonymous district in California  
averaged an expected gain of

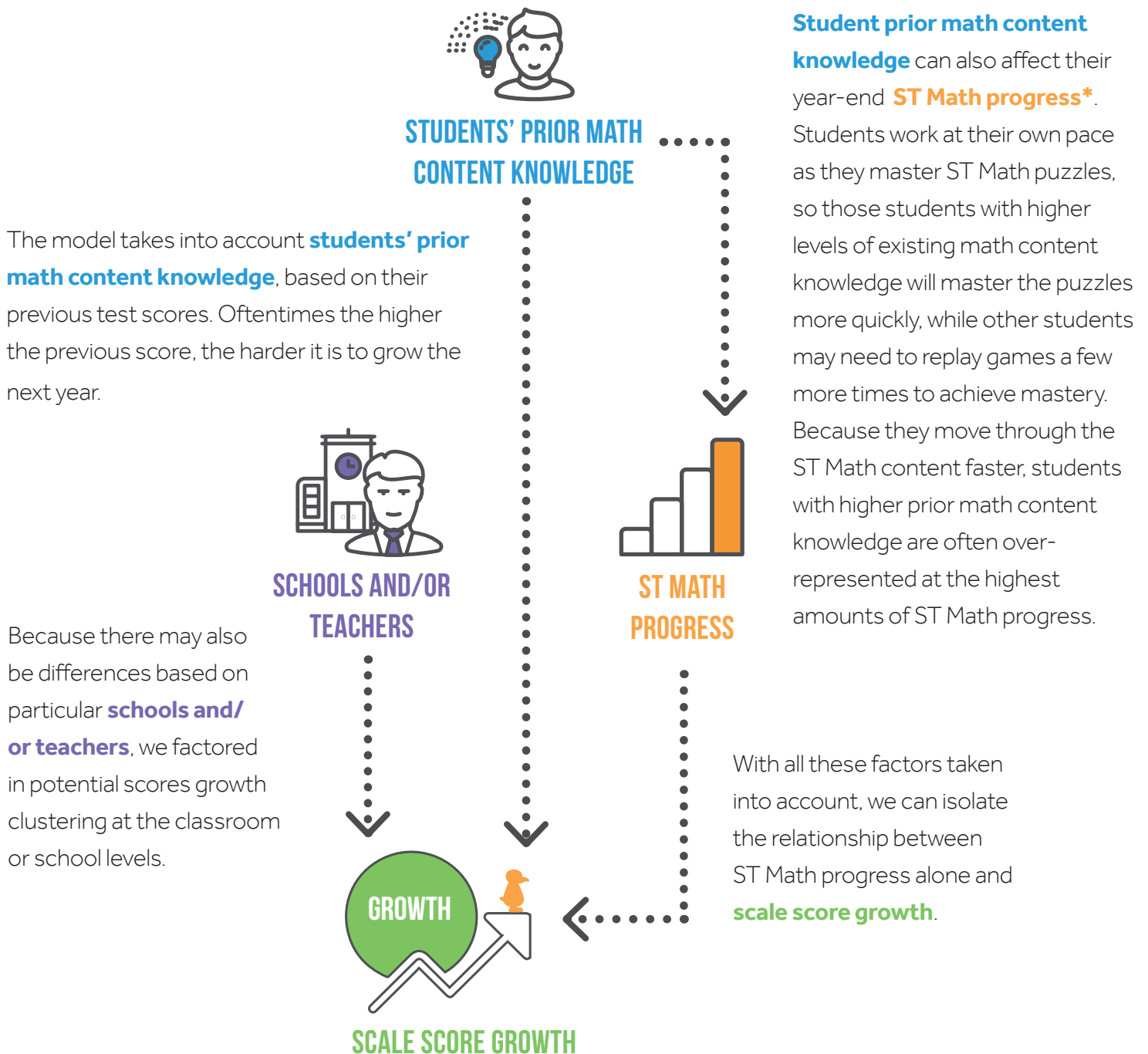


ST Math is created by  
**MIND Education**  
mindeducation.org



## How it's calculated

To determine this gain for your students, MIND Research Institute, the creators of ST Math, generate a linear model fitting the relationships among four key variables, using your actual student data for ST Math usage and scale scores. (See the cause and effect diagram below)



\*ST Math progress is the amount of ST Math content (and, therefore, math standards) students mastered before their next state exam.

