

# Madison: A Study in Longitudinal Growth with ST Math

In 2000, students at Madison Elementary in Santa Ana Unified (the sixth largest district in California), scored well below the 50th percentile on the SAT-9 (now the CST). The next year, in an effort to address the learning needs of their predominantly ELL students, they became one of the first schools to adopt MIND Research Institute's visually-based ST Math® instructional software.

## Effectiveness of ST Math at Madison Elementary



**Math proficiency increased from 54% to 79%.**

**The number of students scoring “Advanced” in proficiency increased significantly.**

(2nd-5th grades: increase of 31 percentile points; 4th grade: increase 23 percentile points)

**Significantly fewer students scored at the lower levels of proficiency, and practically no students scored at the lowest level of proficiency.**

(proficiency levels: “Basic, Below Basic, Far Below Basic”; 2nd-5th grades: decrease of 16 percentile points; 5th grade: decrease of 48 percentile points; 2nd and 3rd grade: 1% scored Far Below Basic)

## MIND Research Institute

A neuroscience and education research-based non-profit corporation

www.mindresearch.net | info@mindresearch.net

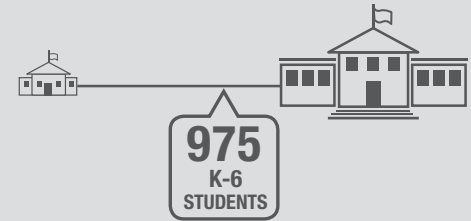
High Title I Population

High English Language Learner Population

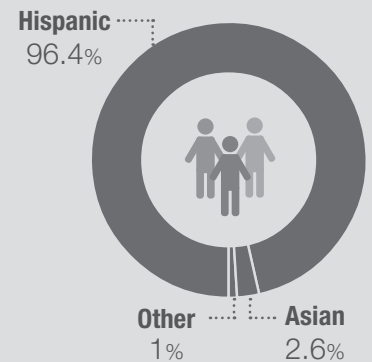
## Madison Elementary

Santa Ana Unified  
Santa Ana, California

### Statistics from 2010



### Implementation Grades



Free or Reduced Lunch 95%



English Language Learner 74.4%



*“If they can do math, they can find success in other areas. ST Math has helped bring a culture of success to Madison.”*

-Ana Gonzalez  
Principal, Madison Elementary