



NEW YORK CITY MATH INITIATIVE

A Community Partnership to Elevate Student Math Achievement

EXECUTIVE SUMMARY

New York City Math Initiative is a partnership among participating corporations, foundations, individuals, schools and the MIND Research Institute.

Corporations and foundations fund the partnership to close the achievement gap and meet the nation's ongoing needs for employees at all levels of business who possess math skills.

Target Impact:
100 schools
25,000 students
Initiative Period:
2011–2016

“Based on results in other cities across the country, we see MIND Research Institute’s ST Math program as having tremendous potential to close the math achievement gap in New York City public schools, and prepare more students for life-long success.”

— Kevin Byrne
Director of U.S. Education,
The Michael & Susan Dell Foundation

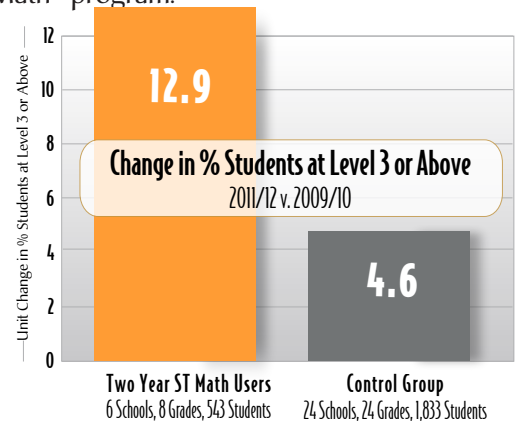
Students at New York City public schools continue experiencing a significant achievement gap. Statewide, African American and Latino students’ high school graduation rate lags more than 25 percent behind their peers. Research shows that the best predictor of a child’s future academic success – including likelihood to graduate from high school and attend college – is early math skills.

Preparing our students with solid math skills is more important today than ever before. Estimates indicate that by 2020, the number of jobs requiring degrees in science, technology, engineering and mathematics (STEM) will vastly outnumber jobs that do not. Too many of our children, especially those living in disadvantaged neighborhoods, are not achieving math proficiency or graduating high school – much less being prepared for STEM careers.

The New York City Math Initiative is designed to address this crisis by elevating student math achievement in our lowest-performing elementary schools. MIND Research Institute, a 501(c)(3) non-profit, is partnering with New York City Department of Education and local corporations, foundations and individuals to increase access among disadvantaged students to its proven Spatial Temporal (ST) Math® program.

Funded primarily by philanthropy, the Initiative provides:

- Student access to MIND’s innovative, research-based, visual math education programs
- Strategic teacher training sessions
- Informative institutes for principals and administrators to support math education
- Year-round assistance to schools from MIND’s educational support staff
- Teacher access to informative, individualized feedback on student progress
- Annual analysis of state math test scores to assess the programs’ impact on student performance.



After two years of ST Math, grade levels participating in the NYC Math Initiative saw a 12.9 percentile point increase in the number of students scoring proficient (Level 3) or above on state standardized math tests.

For more information on how you can support the New York City Math Initiative, please contact Beth Garrow
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