
Math Corps

Minnesota State House
Education Finance Committee.

February 16, 2023



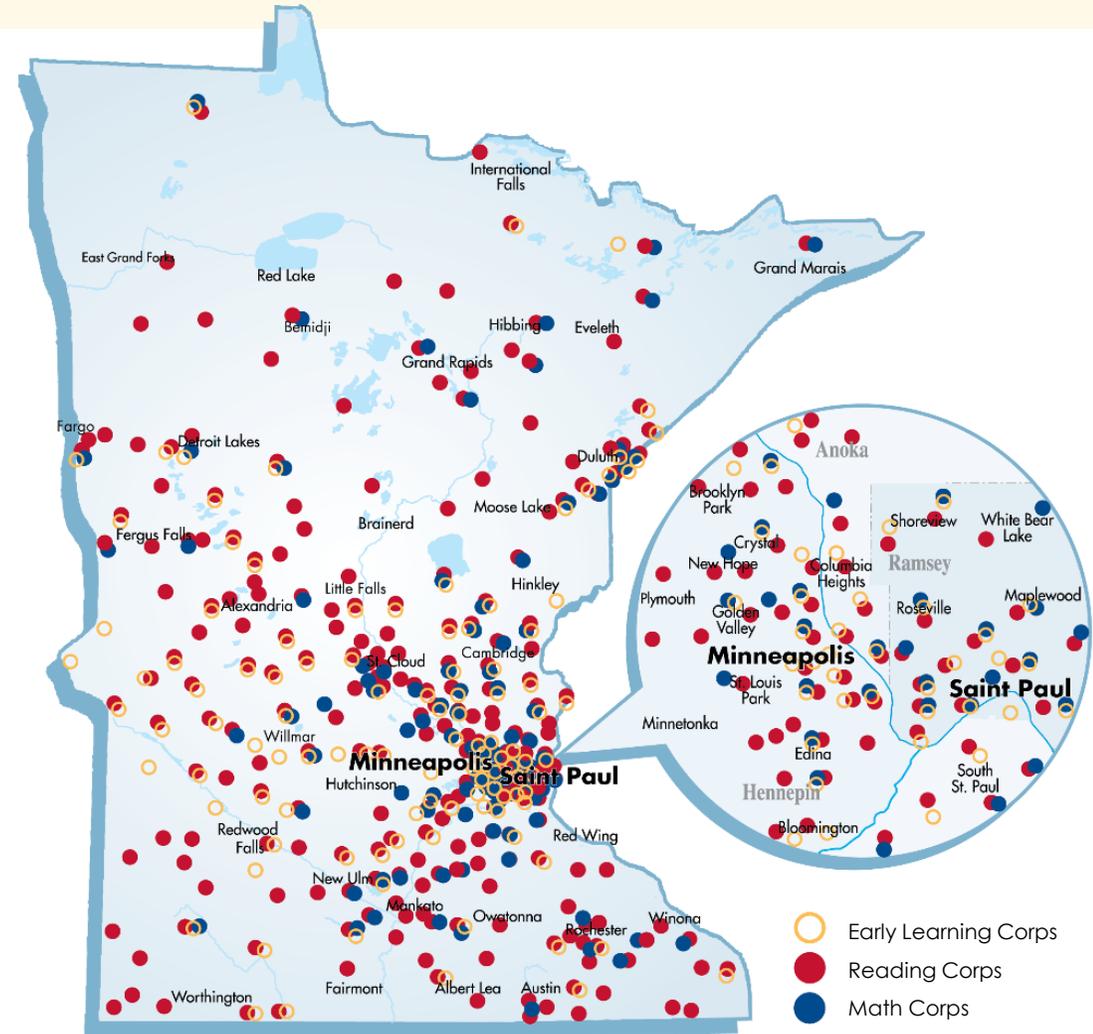
ServeMN

The Power of AmeriCorps.
The Power of You.

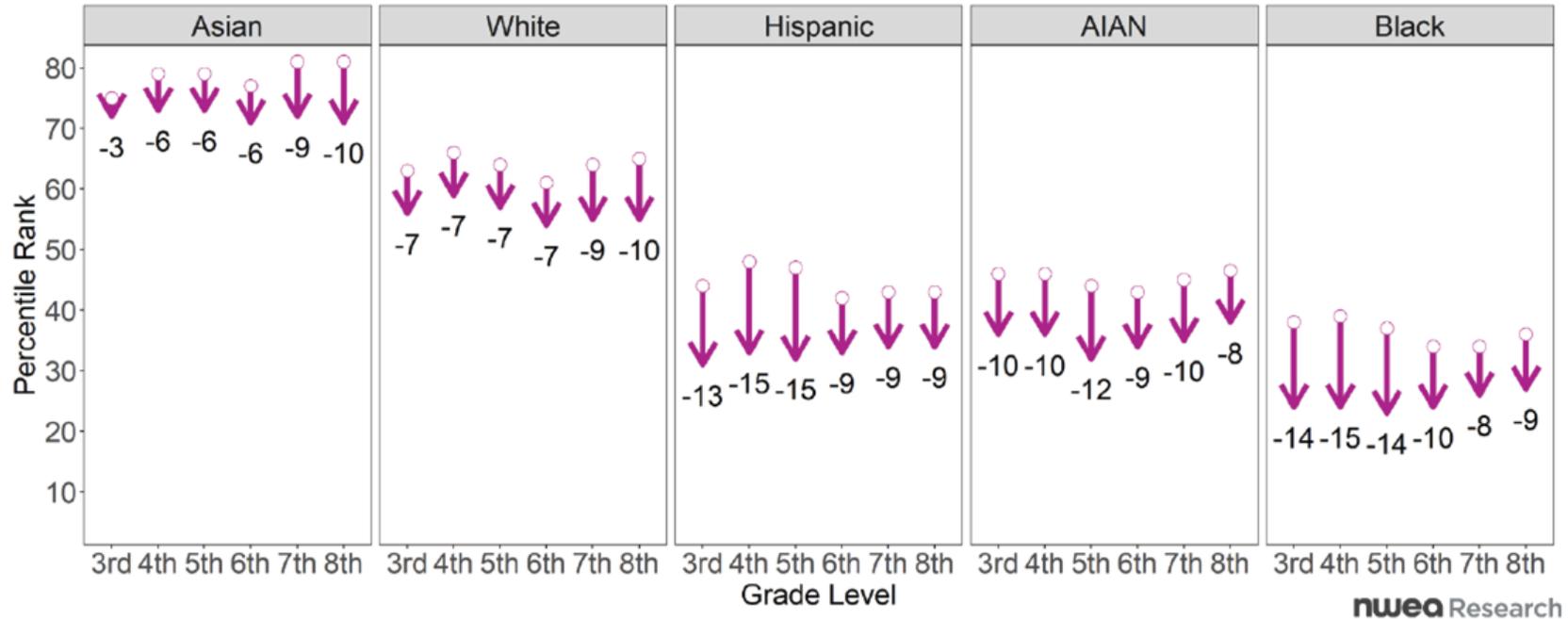
Statewide Reach of Math Corps and Reading Corps

Math Corps (Blue) Partner Sites

- 160+ sites
- 180+ tutors
- 4,000+ students tutored
- Statewide



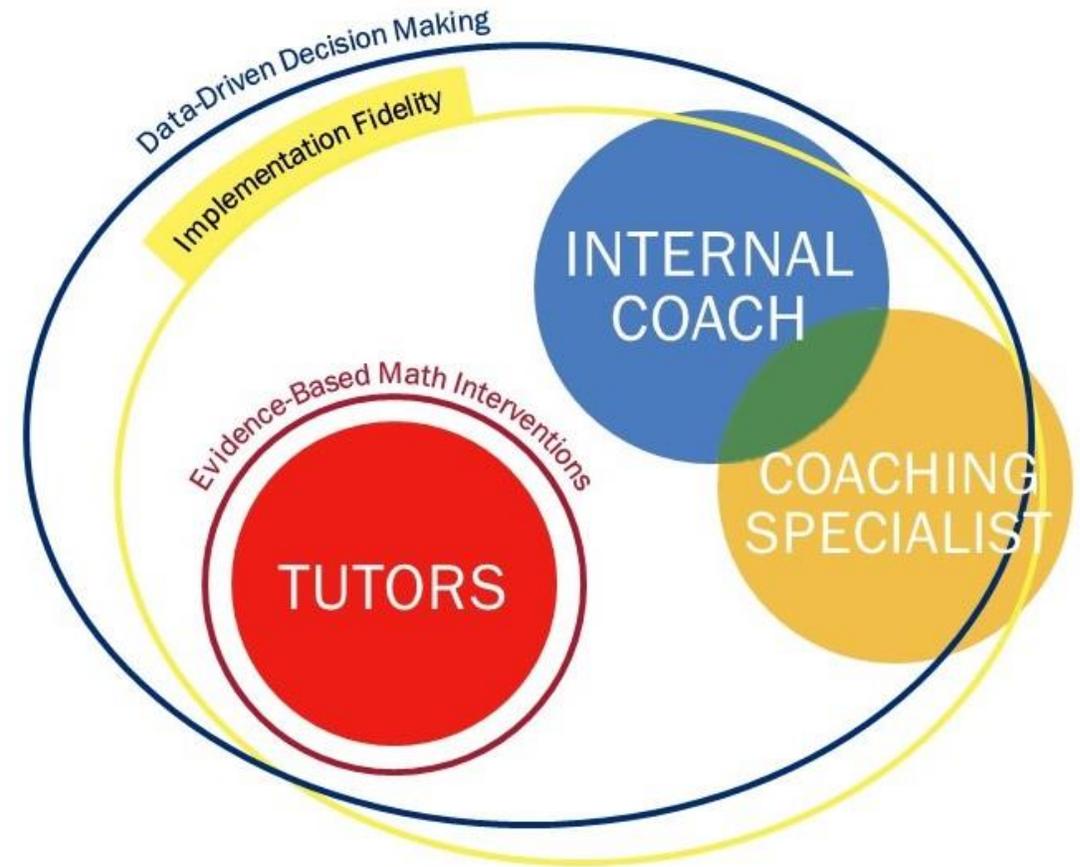
Math Scores Before and During the Pandemic



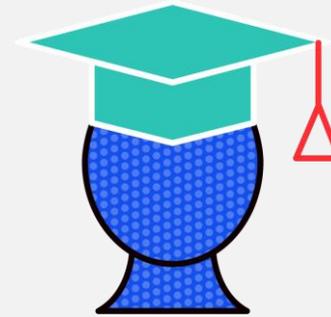
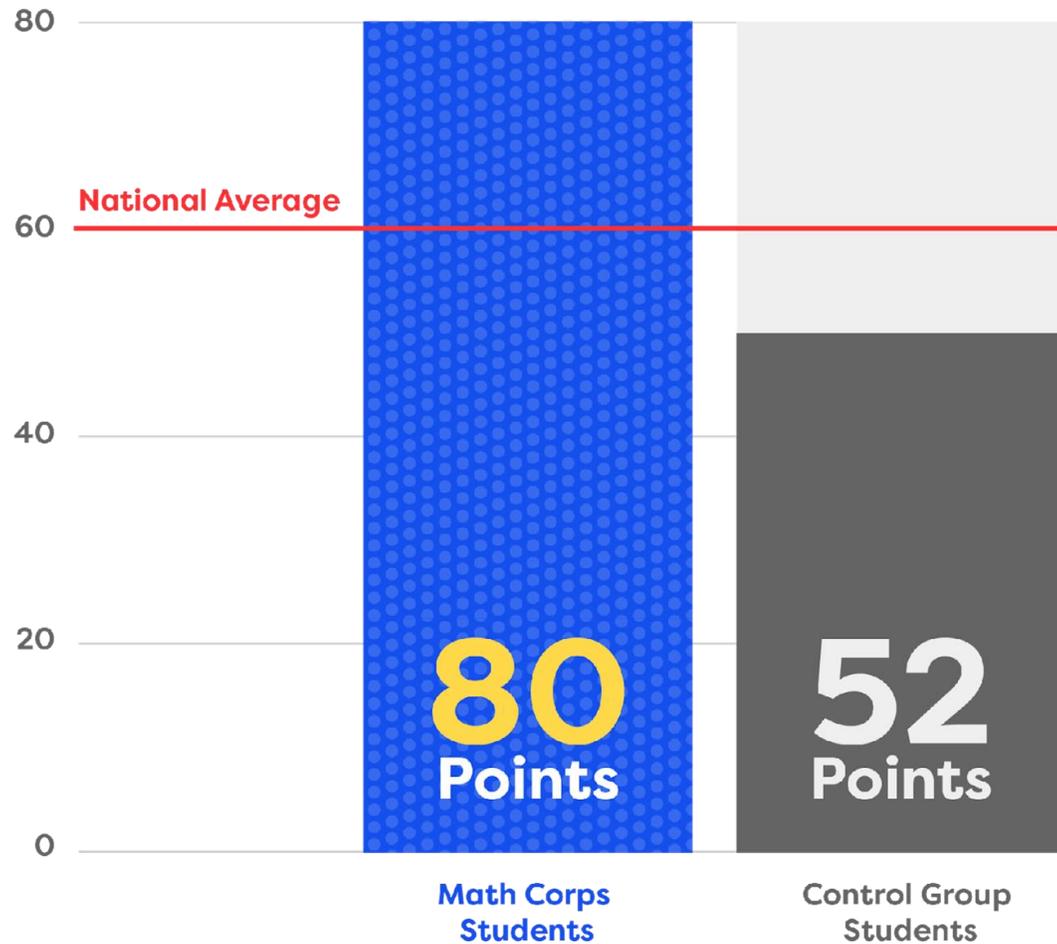
Note: The circles represent the median percentile rank for the pre-pandemic (fall 2019) cohort; the arrow tip represents the median percentile rank for the fall 2021 cohort; and the value outside the arrow indicates the change in median percentile rank between fall 2019 and fall 2021.

Math Corps: Implementation Science

- ✓ Efficient learning groups
- ✓ Sufficient dosage
- ✓ Effective coaching structure
- ✓ Fidelity Forms
- ✓ Data Driven



Math Growth



**Math Corps students
outperform national
average growth**

scoring 28 points higher
than the comparison group.



Value to State



- ✓ 100% of teachers say Reading Corps and Math Corps have a positive impact on students
- ✓ 95 % of teachers say Reading Corps and Math Corps increased students' confidence in reading or math
- ✓ Nearly half of our tutors will pursue a career in education (and 9 in 10 note that they gained powerful instructional skills)



National Recognition for Math Corps

“ Its high-quality research proves its effectiveness, and it is committed to expanding to meet the urgent need for effective support on the ground in schools. ”

— Nancy Madden, Johns Hopkins University, **Proven Tutoring**

“ We appreciate and applaud Math Corps’ use of data, in which tutors, coaches, and teachers collaborate to assess student progress and make intervention adjustments, and even determine when students no longer require support. ”

— Matthew Kraft, Brown University, **National Student Support Accelerator**

“ Low success in math is linked to outcomes in education, income and career attainment. **ServeMinnesota is tackling how to support students from marginalized backgrounds** access supplemental math support. ”

— Duke University’s Fuqua School of Business



AmeriCorps



ServeMN

Keven Tell

Sanford Middle School teacher

“I majored in chemistry at Carleton, and found a job in the corporate world and just didn’t like it. A friend of mine was serving with Reading Corps and told me to give it a try. I served a year and then wanted to try Math Corps, because I’m more of a science guy. It was great to be in a school and see how it works. Wanting to be a teacher was always lurking under the surface for me, and being part of the school community tipped me over the edge. **Serving with Reading Corps and Math Corps is a really great introduction to what it’s like to work with kids all day, every day.** Plus, it’s a cool opportunity to see what schools are like now – they’ve evolved a lot even since I’ve been there, which isn’t all that long ago. I got to see a lot of different teachers teaching, and it helped form what I would want to do as a teacher. I also learned that I really like working with middle schoolers – their own personalities are coming through and they still have a lot of excitement for school. **My AmeriCorps education award helped me get my teaching license, as well as pay back my student loans.** Serving with Reading Corps and Math Corps helped move me to the next level. Today, I’m a sixth grade science teacher at Sanford Middle School in the Minneapolis Public Schools District!”



Kimberly Le

Edison High School teacher



Kim had a degree in math and a few years' experience in retail management. She was curious about teaching but needed to build skills and earn money for graduate school. Math Corps was a perfect transition. She served two years at American Indian Magnet School in St. Paul and completed her teaching license at the University of Minnesota. She now teaches math at Edison High School in Minneapolis.

Angela Schanley-Miller

King Elementary special education teacher



As a paraprofessional, Angela's colleagues encouraged her to apply for Math Corps. While tutoring, she earned her K-6 teaching license at Bemidji State University. "I left myself open for collaboration with staff, and that opened doors professionally." She now teaches at King Elementary in Deer River.



Opportunities for Reading Corps & Math Corps members

- ✓ Individualized career counseling to pursue careers in education
- ✓ Intentional focus on supporting our BIPOC and American Indian members' career aspirations
- ✓ Building Greater Minnesota educator pathway
- ✓ Developed Grow Your Own teacher pathway program for AmeriCorps members to help reduce barriers to becoming teachers



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A Strategic Initiative of
ServeMinnesota.

Contact David Parker, Ph.D. –
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