

Only 49% of Charlotte 4th grade students meet grade level in math (2019 NAEP)

1:1 volunteer-delivered tutoring, 1 hour/week with Heart Math Tutoring

98% of students showing growth between pre- and post-assessments

Our community is missing out on significant potential when just 49% of Charlotte 4th graders meet grade level proficiency expectations in math. Research shows that concrete, targeted experiences with numbers in the early years can close conceptual gaps and prepare students for algebra, a graduation requirement (Kathy Richardson, Thomas Carpenter). Tutoring has been found to deliver significant gains in rigorous, recent studies¹ and was recommended by the US Department of Education as an effective response to COVID-19 learning loss². Teachers and families have limited capacity to provide one-on-one academic attention, but volunteer tutors can help.



"We believe in using the absolute best research-based math practices for our scholars. Heart Math Tutoring has that same expectation. Our scholars embrace a growth mindset knowing that their Heart tutor is helping them fill their gaps and become stronger and more confident students."

- Principal Wilson, J. W. Grier Academy

Heart Math Tutoring gives young students successful experiences in math through one-on-one tutoring during the school day delivered by supervised volunteers. In each school, 50 students in grades 1-5 receive tutoring twice per week for 30 minutes. Heart Math Tutoring's activity-based, structured curriculum and on-site staff support enables volunteers to be successful with a commitment of one hour per week and minimizes day-to-day work for school staff. Over 97% of volunteers rate the experience positive each year, and students embrace the one-on-one attention, games, encouragement, and progress.

- To date, 98% of over 4,000 students served have shown growth on pre/post assessments that meets the targets set by elementary math specialists at UNC-Charlotte and Charlotte-Mecklenburg Schools.
- Comparison studies find that Heart students grow faster than non-Heart students in math on North Carolina End-of-Grade Tests and often retain gains into the subsequent year (see HMT Annual Report 2020, page 10).
- Over 90% of teachers report that student confidence and/or enthusiasm towards academics increases because of HMT.

A 501c3 nonprofit founded in Charlotte, NC in 2013, Heart Math Tutoring has grown to now support over 20 schools and 1,000+ students and volunteer tutors!

The program is a fit for many more schools in the area, with support from the community! Consider getting involved as a volunteer, donor, partner, or board member! Visit www.heartmathtutoring.org and reach out to Heart Math Tutoring staff members listed on the Team page to learn more.

1,000+ Charlotte Volunteers from

BANK OF AMERICA
132 tutors

UNC CHARLOTTE
71 tutors



66 tutors



63 tutors



61 tutors

and 150+ other volunteer partners!

Half of a tutor's job is to deliver the curriculum, and half is to be a positive influence through building a relationship with a student. No math or tutoring expertise required!

Equity as a Strategy: Heart Math Tutoring’s mission and math strategies apply to all students, but we strategically focus first on students who do not have access to resources for private tutoring. Additionally, while math skills and confidence play a tremendous role in unlocking opportunity in students’ lives, many HMT students are also impacted by issues of race. Over 90% of current HMT students are people of color, reflecting the demographic makeup of high-poverty concentration schools and the barriers to wealth generation people of color have faced in the United States. Heart Math Tutoring is committed to dialogue and training on issues of racial equity and to ensuring that our students experience understanding, compassion, and empowerment in the program.

Why math? Success in math is an important piece of the equation for opportunity and economic mobility. Research shows that school-entry math skills impact later academic skills not only in math, but also in literacy.³ Math matters for a student’s middle school preparedness, high school graduation, and postsecondary and career options, as well as their self-identity as a successful scholar. In the United States, 75% of all jobs require a high school diploma,⁴ and 75% of the fastest growing occupations require significant math or science preparation.⁵



“My daughter says math is her favorite subject now! Her confidence is so much better, and she LOVES her tutoring sessions with Daisha.” - Heart Math Tutoring parent

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\$1,000 sponsors a student in one-on-one math instruction for an entire school year.



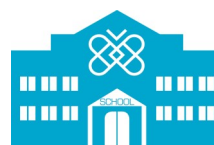
\$5,000 provides one “class” (5 students) with one-on-one math instruction for an entire school year.



\$10,000 provides one “grade level” (10 students) with one-on-one math instruction for an entire school year.



\$25,000 funds the on-site costs of a Program Coordinator and tutoring supplies.



\$60,000 covers philanthropy needed to operate a Heart school site, providing tutoring for 50–70 students.

Join Heart Math Tutoring’s work as a donor, volunteer, board member, or partner! Please visit www.heartmathtutoring.org and reach out to our team members to get involved!