HEART
MATH TUTORING

Connecting Students & Volunteers
for Results that Count

Mission: ensure that all students build the
strong foundation in math and enthusiasm for
academics needed for long-term success,
by helping schools use volunteers as tutors.

About Heart Math Tutoring:

Heart is a math intervention program (Tier II) that recruits and supports volunteers to work as one-on-one tutors at specific times during the school day. Tutors use Heart's structured lesson pans and are trained, managed, and supervised by a Heart Program Coordinator. Heart's curriculum targets identified gaps in number sense and is aligned with AMC Anywhere assessments. The Heart Program Coordinator monitors student progress and shares student data from pre-, post-, and formative assessments with teachers.

> *Quick Facts*
> * ~50 students per school, in grades 1 – 5 (nominated by school/teacher)
> * Each student is seen for 30 min 2x per week, from September to May
> * **98% of students** to date have met program growth goals in math. This based on pre- and post-assessments adapted from Kathy Richardson's AMC. Goals are set with guidance from elementary math specialists at CMS and UNCC.
> * **>90% of teachers** report that student confidence and/or enthusiasm towards academics improves as a result of the one-on-one encouragement and attention from volunteer tutors.
> * A typical school receives **1,000 hours of one-on-one instruction** from Heart tutors over the course of a school year.
> * Heart hosts **two parent events** per year, where tutors, parents, and students celebrate progress and learn math games.

Heart was designed in partnership with Charlotte-Mecklenburg Schools, Communities In Schools, and Social Venture Partners. Heart became a 501c3 nonprofit in July 2014 with a mission of ensuring that all students build the strong foundation in math and enthusiasm for academics needed for long-term success, by helping schools use volunteers as tutors. 1,065 volunteer tutors currently support students each week across Heart's twenty-two school partners: **Allenbrook, Barringer, Berewick, Billingsville, Cotswold, First Ward, Greenway Park, Hidden Valley, J.W. Grier, Lebanon, Merry Oaks, Montclaire, Piney Grove, Rama Road, Renaissance West, Shamrock, Smithfield, Statesville Road, Sterling, University Park Creative Arts, Westerly Hills, and Whitewater.**

Example Tutoring Schedules:

Heart needs two hours within the school day, four days per week, when volunteers are allowed to work with students. (Each individual student is pulled to receive tutoring for 30 minutes two times per week within those designated times.) During those two hours, Heart's Program Coordinator is on campus supervising and supporting the tutoring sessions. **Because 60% of Heart's volunteers have full time jobs, the ideal times for tutoring are the first hour of the school day and midday / lunchtime, if possible.**

An example schedule for a typical partner school might be:
* 1st and 5th graders available for tutoring from 7:45 – 8:45AM (Mon – Thurs), during their math workshop.
* 2nd and 4th graders available for tutoring from 1:45 – 2:15PM (Mon - Thurs), during their guided math block and 3rd graders available for tutoring 2:15-2:45PM (Mon-Thurs) during their intervention time

Most schools prefer for students to be pulled out of class for Heart during their guided math block, as the tutoring sessions provide each student with targeted, hands-on math instruction at his/her level. Other schools may designate other times for tutoring ("specials," other intervention hours). Schools plan their master schedule with Heart in mind to ensure that students are available for tutoring during the designated times.

Example Tutoring Locations:

Heart needs enough space for 14 tutor/student pairs, or 28 people, to work, while Heart's Program Coordinator circulates to observe, support tutors, and give mini-assessments. Depending on the tutoring times, different schools make different arrangements on where designated space is available. Space is needed 15 minutes before and after the two tutoring hours.

* At one school, Heart uses the empty media center from 7:30 – 9:00AM and the empty cafeteria from 1:30 – 3:00PM. Heart's materials are kept on a cart with wheels and can be transported (within reason).
* At another school, tutoring takes place in a classroom that is also used for small group pull-outs and teacher planning, outside of the tutoring hours.

More detailed information about how Heart Math Tutoring works and what you can expect at your school is at www.hearttutoring.org/become-a-school-partner .