



Part Time Advanced Elementary Math Specialist Teacher - September 2021

Acera: The Massachusetts School of Science, Creativity and Leadership
Winchester, MA (8 miles north of Boston) 5 Lowell Avenue

Acera is looking for a math educator to design and lead a math class for the 21/22 school year! Bring your highly collaborative spirit, and deep commitment to customizing students' experiences to fit their needs to our school. The class meets **Monday/Tuesday/Thursday/Friday 10:45 am - 12:00 pm**. Optional All Staff Meeting once a week from 3:15-4:30p, day TBD.

Acera Vision:

We envision a world in which schools engage students in meaningful learning, in which teachers are freed as entrepreneurs in their classrooms, and in which students can become the best version of themselves, given each students' unique capacities, needs, and passions. The Acera school day program provides students with unbounded access to learning, offering high capacity students opportunity according to their ability, not age. Acera's enrichment programs (after school, summer, and vacation week camps) are open to the public, and our Education Innovation efforts are actively engaging in public school projects to support educational change. We also partner with organizations beyond our walls, creating programs rich in sciences, technology, engineering, creativity and arts. We operate both as a lab school and a microcosm of what is possible for other schools. We seek to grow students' emotional intelligence and enable them to become the best version of themselves. Our mission, across our core school day program, enrichment programs and within our partnerships, is to develop the next generation of innovators, leaders and creative thinkers who can make a positive impact in the world.

Job Description:

We seek to hire a math educator who can teach one section of math to a group of multi-grade gifted elementary school students. Depending on the instructor's background and strengths, it could be a class of K-2 students, or a class of 3rd and 4th grade students. Either way, we are looking for someone who can challenge students and get them to approach math with joy, logic, and grit. These are students who are learning above grade level, which means there is freedom to include enrichment topics and topics outside of the standard curriculum. You should provide opportunities to creatively tackle new problems, to explore patterns and develop numeracy.

This position is Part Time for the 21/22 academic year. The class meets Monday/Tuesday/Thursday/Friday 10:45 am - 12:00 pm. Optional All Staff Meeting once a week from 3:15-4:30p, Tuesdays.

We have some other part-time positions open, and depending on instructor interest and availability, we might want to create a position that includes a second math class, or various other elective and STEM classes.

Math Block Teacher Expectations:

- Provide an interesting math experience for the students, exploring topics outside of the standard curriculum, as well as creative ways to approach standard material.
- Create an environment where students can engage in creative problem solving, and come up with their own conjectures and methods. Use hands-on activities as a starting point for learning. Manage a class where students have a wide range of knowledge through the use of low-floor high-ceiling tasks.



The Massachusetts School of
Science, Creativity and Leadership
and Mathematical Minutists

and extend curriculum, leveraging programs that best suit your group (You Cubed Science; Beast Academy; Singapore Math; other curricula). Research and plan to find the best strategies for your group, and acquire curricula and tools needed.

- Differentiate instruction, enabling each student to learn at a rate and in a style that fits each child and best and maximizes their potential. Continuously adapt classroom focus and strategies to accommodate for each student's needs.
- A key expectation is that learning goals will be framed, strategies planned, implemented, and revised based upon student interest and need, and that appropriate assessment will be embedded so that students can mark their own progress.
- Create and adapt individualized learning goals to drive learning approaches and focus for each student throughout the year. Share these with the student's core teacher for inclusion in the written Individualized Learning Plan.
- Escalate issues and needs as soon as possible. If you are struggling to meet students' needs and require help, it is a sign of strength and confidence to ask for help.
- Communicate learning goals and strategies to Acera administrators, other math block teachers, core teachers and parents through open exchanges, brief group email updates to your math block group parents once per month, as comments on narrative report cards twice per year, and during parent conferences (planned and impromptu)
- Support students who are ready to leap ahead of others. Scaffold a transition to another group or establish an independent sub group as needed.

Additional Responsibilities:

Write Progress Report Comments: We do not assign grades at Acera. Instead, we write student comments for our progress reports twice a year. Comments give parents insight into mastery level as well as learning styles. It is expected that all teachers follow the comment writing and editing timeline.

Attend Conferences when appropriate. You can be included in parent conferences alongside with the core classroom teacher for your math students or you may initiate and/or respond to parent requests for individual math conferences. Confer with each of your students' core teacher(s) to mutually determine whether conference participation or an individual math conference makes sense.

Qualifications:

- Experience teaching math.
- A willingness to teach in-person.
- In-depth understanding of mathematics, as a creative endeavor and as a way of thinking, not simply as a list of procedures. Willingness to explore mathematical ideas with young minds.
- Experience in employing a variety of pedagogical approaches for different learning styles.
- Interest in using technology to enhance teaching and learning, depending on the grade and age. We prefer less technology use in the younger grades.
- Flexibility and a collaborative spirit.

Application:

Please submit cover letter, resume, philosophy of education and beliefs about math education to: hiring@Aceraschool.org



Anticipated Start Date: August 30, 2021

Equal Opportunity Employer

Acera is an Equal Opportunity Employer that does not discriminate on the basis of actual or perceived race, creed, color, religion, alienage or national origin, ancestry, citizenship status, age, disability or handicap, sex, marital status, veteran status, sexual orientation, genetic information, arrest record, or any other characteristic protected by applicable federal, state or local laws.

Conditions of Offer:

You must provide documentation of a completed COVID vaccination series.

All offers of employment are contingent upon CORI, SORI and fingerprint-based background checks, as required by the laws of the Commonwealth of Massachusetts. Under the Immigration Reform and Control Act (IRCA), our company is required to verify the identity and work authorization of all newly hired employees. Therefore, if you accept this position, you will be required to complete a Form I-9 upon hire. Within 3 days of beginning employment, you will need to supply acceptable documentation days of beginning employment, you will need to supply acceptable documentation (as noted on the Form I-9) of your identity and work authorization.