

Job Announcement



Mathematics Teacher (preferably with a physics, chemistry, or other science background)

Grades: 6 - 12

Job beginning: August 2010

Job Description:

Meridian Academy is an urban, independent, secondary school in Brookline, MA and a member of the Coalition of Essential Schools (<http://www.essentialschools.org>). Class sizes are 16 or fewer students. The school will enroll 45 students next year as it grows to its final size of approximately 90 students.

Meridian's curriculum is interdisciplinary and project-based. Mathematics, science, and engineering are taught in core, integrated courses. Mathematical and scientific ideas are developed in ways that support connected learning. Student problem-posing is the starting point for problem-solving and long-term original research and learning. Classes are lengthy to support in-depth investigations.

Meridian is seeking a full-time Mathematics teacher to teach and co-teach integrated MST classes. Candidates should have experience bringing a broad, intellectual perspective to their work and be excited about the opportunity to work with other MST teachers to continue to develop our seven-year curriculum. To see a sample of our current course offerings, please visit http://meridianacademy.org/learning_at_meridian/mst.htm.

Responsibilities/opportunities include:

- Teaching and co-teaching 3 integrated classes. Create activities that help students develop academic skills, make connections between ideas, master essential knowledge, and grow in their curiosity and creativity.
- Modeling for students what original research is like. Mentoring students one-on-one with their research projects.
- Advising students and communicating with their families.
- Developing and implementing methods of assessment that accurately reflect each student's progress with skills, content, and habits of mind.

Qualifications:

- **Two or more years teaching mathematics** and/or physics, engineering, or chemistry **at the secondary level.** Please do not submit materials unless you have this experience.
- Preferred: In addition to mathematics studies, an academic background and interest in science, in particular physics, chemistry, and/or earth science.
- A bachelor's degree in mathematics or a related discipline. A master's degree is preferred.
- A flexible and energetic personality that can work productively in a changing and growing school environment.
- Strong interpersonal skills when working with diverse students and families. Ability to participate in shared decision-making that invites everyone to contribute to the improvement of the school.
- Experience and/or interest in working with both middle and high school age students.

How to Apply:

- Consult our website to learn more about the school and to gain a fuller picture of the goals and philosophy of Meridian Academy.
- Send a résumé and cover letter *describing your teaching philosophy with a discussion of some of your work with students* by **email** to Joshua Abrams at jabrams@meridianacademy.org.

Joshua Abrams
Head of School
Meridian Academy
Curiosity • Creativity • Community

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<http://www.meridianacademy.org>

Meridian Academy does not discriminate on the basis of race, creed, color, national or ethnic origin, gender, sexual orientation, or handicap in administration of its educational policies, admissions policies, hiring, and other school-administered programs.