



Upper School Math Teacher

Brooklyn Friends School (BFS) seeks a passionate, experienced educator to teach mathematics in the Upper School. The Upper School math teacher will help the division ensure that all BFS students graduate as self-reliant, resourceful learners well-equipped to succeed in a vigorous college academic environment. To achieve this, the Upper School math teacher will work in collaboration with the Head of Upper School, Assistant Head of Upper School, the department chair, department members, and all departments, as well as the Upper School Leadership Team to facilitate teaching and learning in the discipline of mathematics based in student and teacher passions and interests. BFS' math program wants to teach young people to be mathematicians who how to read their world mathematically.

Guided by our [mission](#) and [Upper School Guiding Principles](#), BFS provides an inclusive learning environment in which a vigorous academic program cultivates compassion, intellectual curiosity and inquiry, and confident changemakers.

RESPONSIBILITIES

This position reports to the Head of Upper School.

- Works in partnership and in close collaboration with the Head of Upper School, Assistant Head of Upper School, Chair, and the department, and all colleagues to facilitate the needs and the direction of the department and division.
- Practices shared leadership in the classroom with students and in the division and with colleagues.
- Keeps abreast of, shares, and applies current academic research on teaching, learning, and subject.
- Teaches for understanding using multiple modalities, especially experiential and/or project-based.
- Helps the department as it facilitates intra-divisional and cross-divisional exchanges to plan vertically across grades 9-12 and grades Preschool-12.
- Examines and uses student learning profiles, in particular those for students with learning challenges, and teaches with an understanding of how to differentiate, accommodate, and modify in ways that benefit *all* students.



- Understands how to actively participate in Professional Learning Communities engaged in the core of professional learning, i.e., in *learn, practice, and reflect* principles.
- Demonstrates attention to detail while keeping an eye on departmental and whole-division visions.
- Shares the responsibility with the department for any and all reporting or clerical duties related to the subject area.
- Other duties as assigned.

PREFERRED PROFESSIONAL QUALITIES

- Bachelor of Arts in the subject or other areas required.
- Master of Arts in the subject or another field.
- Familiarity or experience teaching statistics and calculus.
- An aspiration to develop curricula based on teacher passion and student-driven interests.
- Interest in designing mathematics curricula at any level around student-interests as wide-ranging and as interdisciplinary as, for example, *Mathematical Modeling of Infectious Disease Epidemics, Non-Euclidean Geometry, Reality, and High School Mathematics, The Pedagogy of Math Games*, and other teacher-designed, student-interest courses.
- Experience teaching to mastery/differential instruction.
- Professional dedication to progressive education, the division, and the whole school.
- Strong commitment to social justice, anti-bias education, and Quaker values.
- Familiarity with the International Baccalaureate program.
- **Very** strong written and verbal communication.

REQUIRED PERSONAL QUALITIES

Demonstrates:

- Genuine ability and desire to work across difference (intellectually and socially).
- Respect for the life of the child.
- Joy and a respectful sense of humor.
- Compassion, integrity, and open-mindedness in all interactions.



- Collegiality, approachability, flexibility, and adaptability.
- Appropriate, respectful, and consistent understanding of professional boundaries between student and teacher, teacher and family; teacher and colleagues.
- Interest in and willingness to use new and different educational approaches.
- Consistently strong, respectful, and gracious interpersonal and communication skills.
- Ability to partner and collaborate across professional statuses, i.e., with all colleagues (i.e., staff, leadership, families, student body, local and national independent school communities, and neighborhood community).

To apply, please provide the following:

1. Cover letter addressed to Lisa Arrastia, Head of Upper School. This one-page maximum letter should describe your interest and experience.
2. Statement of educational philosophy (maximum one page).
3. Curriculum vitae.
4. List of three references with contact information.

Email the above as attachments to usmathposition@brooklynfriends.org. Only electronic applications will be accepted. Thank you.