



**HORACE MANN SCHOOL**  
231 West 246th Street  
Bronx, NY 10471  
[www.horacemann.org](http://www.horacemann.org)  
An Equal Opportunity Employer

**Engineering, Technology, and Computer Science Teacher – Middle Division**

Start Date: August 28, 2023

Horace Mann School is seeking a full-time engineering, technology and computer science teacher for grades 6-8. The ideal candidate will have significant experience teaching students in this age group and a desire to design and develop curricula to support students as they enter and advance from the Middle Division. Further, the candidate should demonstrate knowledge or proficiency in the following areas:

- FIRST LEGO League, FIRST Tech Challenge, and FIRST Robotics Competition
- Experience using tools for fabrication, such as wood and metal working, laser cutters, and 3D printers
- 2D or 3D Modeling CAD software (Fusion 360, Solidworks, OnShape, or similar)
- Programming electronics such as Arduino and Raspberry Pi
- Block-based programming (Hopscotch, Scratch)
- Web development technologies (HTML, CSS, JavaScript, PHP, MySQL)
- Object-oriented programming (Python, Java, C languages, Swift)

Additionally, each MD teacher also serves as an advisor, the essential point-person for students and families. Advisors deliver programming to students and travel with their advisory for all three years of middle school. Applicants must demonstrate an eagerness to tend to the social-emotional needs of developing young people. Bachelor's degree and prior teaching experience required. Middle school teaching experience and Master's degree preferred. The annual salary range for this position is \$69,000 to \$123,000 based on experience and education.

Horace Mann School is a coeducational, college preparatory independent day school for students from Nursery through grade 12. The School seeks to stretch the imagination, intellect and insight of its students while developing the moral characteristics that impart identity and purpose. We recognize as our core values: the Life of the Mind, Mature Behavior, Mutual Respect, a Secure and Healthful Environment, and a Balance between Individual Achievement and a Caring Community. These core values guide our decision-making and govern the implementation of our curriculum and programs across all divisions of Horace Mann School. In addition to its campuses in Manhattan and the Bronx, NY, the School also owns and maintains the John Dorr Nature Laboratory, a comprehensive outdoor education facility on 320 largely wooded acres in Washington, CT. One of the nation's 10 largest independent day schools, as of September, 2022, the School enrolls 1,801 students from 154 zip codes, representing Manhattan, The Bronx, New Jersey, Westchester and Connecticut. Slightly more than 50% of students identified as race other than white and/or as Hispanic/Latinx and 2.6% of students identify as international. Slightly less than 52% of our students identify as girls and 48% of our students identify as boys. A third group expresses a different gender identity. Approximately 15% of our current students receive Financial Aid to attend Horace Mann. Thirty-five percent of School administrators, teachers, and staff members identified as race other than white and/or as Hispanic/Latinx. Over the past five years, the

School has recorded a 97% annual retention rate for students and a 92% retention rate for all employees. The school's recent \$125 million bricks and mortar campaign has provided the Middle and Upper Divisions with newly constructed and renovated state of the art science and physical education facilities.

The Middle Division is all about its students and the important transitions facing our students academically, socially, emotionally, and physically. Highly enriched with endless possibilities, the program is both structured and flexible. Within a supportive atmosphere, we encourage our students to take risks as they involve themselves in the world around them. Preparation for enrollment in a rigorous secondary program contributes to both the daily workload, the intensity of the attention to one's studies, the need for students to self-regulate by 8<sup>th</sup> grade, and the pacing of the academic year.

Interested candidates should submit a detailed resume, including all teaching and non-teaching related experience and cover letter to: [employment@horacemann.org](mailto:employment@horacemann.org)