

Primary & Middle School Computer Science Teacher

Job Posting for 2018-19 Academic Year

DEPARTMENT: Primary & Middle School

POSTING DATES: 12/18/17-2/18/18

REPORTS TO: Chief Information Officer & Director of Prime School

FLSA: Exempt

Hathaway Brown School believes that every student should have the opportunity to learn computer science.

Computer science is an essential discipline that should be taught in all primary, middle, and secondary schools. In order for our students to excel at problem-solving in all subjects, they need to be exposed to critical thinking, logic, persistence and creativity, the key components of a strong computer science curriculum.

Summary:

The successful Primary & Middle School (Kindergarten - 6th Grade) Computer Science Teacher understands the importance of computer science, coding and robotics in elementary and middle school education and is able to develop an engaging curriculum around the ideas of computer science, coding and robotics. Prior experience in K-12 computer science, coding, and robotics project-based learning is desirable. Strong communication skills and the ability to inspire students to innovate and create are essential.

Essential Functions:

- Teach computer science, coding, and robotics classes for kindergarten through 6th grade.
- Identify and update the computer science curriculum to be in line with national best practices.
- Inspire students to pursue computer science and engineering fields by bringing in guest speakers, demonstrations of technology, and other activities.
- Participate in ongoing professional development to research and identify best practices related to computer science education, coding, and robotics.
- Oversee the configuration and deployment of school-owned student iPads (EC through 8th grade).
- Act as a supporting faculty advisor for the Upper School Robotics Team.
- Demonstrate energy, creativity, and initiative.

Additional Responsibilities May Include:

- Provide professional development to faculty and staff to foster technological independence.
- Work with the Chief Information Officer to plan an overall strategy for technology professional development for the school.
- Advise Primary School and/or Middle School technology-related student clubs (such as Robotics Club and Tech-ploration before-school sessions) as an adult mentor.

Qualifications Required:

- Demonstrate a passion and expertise in the teaching of computer science, robotics, and coding.
- Be an exemplar in the use of technology in the classroom to engage learners and build positive relationships.
- Be thoroughly conversant with current thinking on teaching K-12 computer science, including the CSTA curriculum, Code.org and other resources.
- Be eager to research and learn new programming languages and technologies and bring them into the classroom.
- With an understanding of adolescent development and effective classroom practice, foster the well-being of students in the school by both challenging and supporting them.
- Be a team player who works in concert with other teachers, administrators, librarians and the IT department.

- Have a degree in Computer Science, Information Technology, or related field; Bachelor minimum, Masters preferred.
- Be able to develop and implement an effective and engaging curriculum as a highly competent teacher.
- Have a high-level of familiarity and competence across cultures and multiple perspectives.
- Have excellent communication skills.

Desired Experience:

Computer Science teaching experience, Information Technology or related field: 2 years

Computer Science / coding industry experience, Information Technology or related field: 2 years

Required Education:

Bachelor's (Computer Science; Instructional or Educational Technology)

Hathaway Brown School has a rich 141-year history of educating and empowering girls. As Ohio's oldest continually operating college-preparatory for girls, Hathaway Brown has earned a reputation for academic excellence and innovation in the region and around the country. Home of the signature Institute for 21st Century Education, Hathaway Brown has long been devoted to a fusion of cutting-edge curriculum and experiential learning. Our 873 students and 225 faculty and staff come to Hathaway Brown from 89 different communities in Northeast Ohio, and enjoy our stunning 16-acre campus in Shaker Heights, Ohio – just minutes from the cultural attractions of downtown Cleveland.

Salary for this position will be commensurate with the understanding of the technical nature of the job.

Interested candidates should send a resume, 3 professional references and statement of teaching philosophy, with cover letter to:

Hathaway Brown School, HR ID#PMCS1218
19600 North Park Boulevard, Shaker Heights, Ohio 44122
hrstaffing-tech@hb.edu www.hb.edu