

Middle School Science Teacher 2022-2023

ABOUT JCDS:

JCDS, Boston's Jewish Community Day School, is committed to serving families across a wide spectrum of belief and practice. The school has several hallmarks: Hebrew and English spoken throughout the day; Jewish and General studies integrated in many areas; a commitment to creative, academic excellence; and living a joyful Jewish life in a welcoming community. JCDS was founded in 1995 and serves students in grades K-8. We encourage everyone in our community to approach life with a growth mindset. We value our professional staff and invest in their ongoing development. Our professional community is rooted in collaboration, generosity of spirit, and a passion for our mission. JCDS is committed to a policy of non-discrimination and equal opportunity for all employees without regard to race, color, religious creed, national and ethnic origin, age, gender, sexual orientation, or physical disability.

POSITION SUMMARY:

A JCDS teacher models the core values of a JCDS education: integrity, perseverance/resiliency, curiosity, multiple perspectives/empathy, problem solving, reflection and evidence, and creates a student-centered, rigorous, play-infused learning environment for students. This middle school science position offers an exciting opportunity to be part of an interdisciplinary team developing a project based science and engineering curriculum to be taught in a new Science-Technology-Engineering-Maker (STEM) Lab. Candidates for this position should demonstrate a commitment to innovation in science education and project based learning. In addition, candidates should have a passion for teaching middle school children as well as a deep understanding of how to design and run a project based academic program that meets the social, emotional, intellectual and physical development of middle school children. The candidate should possess excellent communication, organization and class management skills and should demonstrate a desire to work collaboratively with grade level team colleagues to create an inquiry-project based and joyful Jewish science learning community.

Responsibilities:

- Lead science instruction and learning activities in the new STEM Lab;
- Design, facilitate, and manage science and engineering project activities in the STEM Lab;
- Collaborate with colleagues to design, implement, and teach NGSS-based science curriculum for middle school grades.
- Evaluate the progress of students and discuss progress results with students, parents and administrators;
- Identify children's individual learning needs and adapt learning experiences to support them;
- Work to ensure a cohesive, rigorous, loving and safe STEM lab environment.

Skills:

- Deep scientific and engineering content knowledge;
- Understanding of science and engineering "practices";
- Demonstrated pedagogical knowledge that emphasizes conceptual thinking;
- Ability to work collaboratively with colleagues;
- Experienced in differentiating for diverse learners;

- Skilled in fostering teacher-student and teacher-parent relationships.
- Ability to support the creation of a joyful, Jewish learning environment;
- Ability to integrate multicultural perspectives into teaching;
- Ability to joyfully engage middle school children, and to identify and address student needs;
- Commitment to ongoing professional development.