

Job Title: STEM Instructor PT

\$17.00/hr



Job Description

Our education staff ensures guests have fun and educational experiences at The Lancaster Science Factory. Duties include facilitating visitor interaction with exhibits focusing on educational standards and fun, keeping the exhibit floor clean and organized throughout the day, preparing and organizing educational materials, and facilitating activities at the Science Café, Maker Space, or other areas.

The Lancaster Science Factory also offers engaging, hands-on classroom programs and camps for students in grades K–8. The STEM Instructor may also deliver our curricula on various STEM topics in week-long half-day summer camps and outreach programs.

STEM Instructors will gain valuable classroom experience and develop skills and strategies for teaching STEM subjects.

This position requires weekend availability during the school year. Summer hours are generally Monday-Friday.

Essential Duties and Job Requirements

Exhibit Hall Education

- Cultivate a positive and enriching experience for LSF guests by welcoming them, engaging with them in the exhibit hall, answering questions, and presenting a thorough and accurate knowledge of all LSF offerings, including exhibitions, events, programs, etc.
- Assist with the development of educational museum programs and the preparation of materials assigned by the supervisor.
- Present STEM topics in a comprehensive and accessible manner to learners of all ages, adjusting facilitation as necessary to respond to individual needs. Training will be provided.
- Manage large crowds and groups calmly and efficiently
- Assist with visitors' questions or concerns as they arise
- Oversee and monitor the condition, presentation, and safety of all public spaces and assist in the opening and closing of all public spaces

Summer Programs

- Learn and instruct a variety of week-long half-day summer camps with an agreed-upon lesson plan developmentally appropriate teaching strategies and in accordance with the Lancaster Science Factory's mission of inspiring curiosity, creativity, and confidence in students.
- Learn and instruct various STEM outreach programs at locations within 50 miles of the Lancaster Science Factory. (Mileage reimbursement is available.)
- Incorporate feedback into future lessons.
- Maintain order and cleanliness of classrooms and other spaces, showing respect for materials and student work. This may include putting away materials, washing reusable supplies, wiping tables, sweeping floors, and removing trash.
- Prioritize safety when using tools and materials.
- Foster a fun and inclusive classroom environment for students and volunteers, interns, and staff.
- Collaborate with and assign tasks to in-camp volunteers or interns.
- Must be able to work with students from diverse backgrounds.
- Excellent communication skills, including the ability to adjust teaching methods to fit various learning styles.

Qualities and Qualifications

In addition to strong customer service skills, a great candidate would have prior experience with or a strong willingness to learn the following:

- Experience instructing students in a formal or informal setting (at least two years preferred).
- Currently pursuing or have completed a degree in Education (preferred) or STEM field.
- Customer Service in Science-focused public venue
- Clear and confident communicator. Able to approach and talk confidently with people they do not know.
- Interest or background knowledge in STEM (Science, Technology, Engineering, and Mathematics)
- Interest in education of children ages 3 to 12 years old and their families and caregivers.
- Experience in a dynamic environment with children and families.

STEM Instructors are also expected to learn about the various programs offered by The Lancaster Science Factory. Training will be provided.

Physical Demands of the Job

These physical demands represent the physical requirements necessary for an employee to successfully perform the essential functions of this job. Reasonable accommodation can be made to enable people with disabilities to perform the described essential functions of the job.

- Regularly required to talk and hear.
- Frequently required to be standing/walking
- Frequent bending, kneeling, or stooping.
- Occasionally lifting to 50 pounds.

Child Abuse Clearance and Background Check Requirements

This position must hold Pennsylvania criminal and child abuse clearances. Employer assistance with these clearances is available.

The Lancaster Science Factory is an equal-opportunity employer

To apply:

Send completed application and/or resume (cover letter optional) to Isiah Perry, Education Manager at iperry@tlsf.org. Forms may also be filled out in person at The Lancaster Science Factory during regular business hours.

About The Lancaster Science Factory

Founded in 2008, The Lancaster Science Factory's non-profit mission is to inspire curiosity, creativity, and confidence by fostering an inclusive environment for hands-on STEM exploration. We actively seek to make our facility and educational programs accessible to all.

