

Job Title: **STEM Educator**

Location: Lancaster, PA office headquarters with travel within 50 miles.

Salary range \$40,000 - \$45,000 commensurate with experience

This is a full-time exempt position.

Potential for advancement within the organization.

Paid time off and employer matched retirement plan.



Summary

The STEM Educator will be responsible for the delivery of high-quality STEM education classes, workshops, and camps offered by the Lancaster Science Factory, all of which inspire curiosity and learning in STEM disciplines among Pre-K through 8th grade students. The STEM Educator will also innovate and develop new curriculum as part of an education team.

This position will be responsible for representing the Lancaster Science Factory both in our classrooms and in a variety of settings, including but not limited to schools, libraries, youth-serving nonprofits, and community events. The STEM Educator will receive training from members of the education team to lead and facilitate programs successfully.

Essential Functions

Facilitate STEM Programs

- Lead and facilitate high-quality STEM education programs to **students in Pre-K through 8th grade** including several week-long summer camps, winter day camps, weekly classes, field trip educational workshops, and outreach programs.
- Provide clear and friendly communication to parents and to teachers and staff.
- Work in a highly collaborative environment with a team of educators to deliver consistent quality programs and to develop new material.
- Prepare for programs in advance. When traveling, arrive at locations on time, set up all materials, and return the space provided in the same condition in was received.
- Source materials for STEM programs based on prescribed budget.
- Operation of the LSF To Go Van for travel to and from locations. Travel within 50 miles of the Lancaster Science Factory.
- Record keeping related to delivering programs, including administering surveys and tracking the number of students served.
- Other duties as required.

Reports to: Director of Programs and Communications

Desired Qualifications

A highly qualified candidate will have a bachelor's degree **and at least 2 years of experience working in a classroom setting**. Previous experience in STEM education or a willingness to learn is desirable. Enthusiasm and commitment to the Science Factory's non-profit mission are essential.

Core Strengths

- Comfortable with public speaking to groups of students and teachers. Outstanding communication skills.
- Professional, friendly demeanor and highly organized.
- Working and collaborating with a team.

- Ability to adapt to change and to be prepared for the unexpected.
- Interest and enthusiasm for STEM education.
- Ability and desire to research and develop new hands-on programs.
- Acts with a high degree of integrity and independence.
- Proficiency with Microsoft Office and the ability to learn new programs as required.
- Able to carry out the Science Factory’s mission outside our four walls in the community.

Schedule and Working Conditions

- The STEM Educator will generally work:
 - 9:00am – 5:00pm Tuesday – Saturday from September to May
 - 8:30am – 4:30pm Monday – Friday from June – August
 - Some evenings for special events are scheduled in advance.
- Physical office location at the Lancaster Science Factory.
- Must hold a valid Pennsylvania driver’s license. Will drive the Science Factory to Go van to outreach destinations within 50 miles.
- Must be able to lift up to 40 lbs. Routine loading/unloading of van, moving folding tables and chairs, and carrying educational supplies short distances and/or up a flight of stairs.
- This position must hold Pennsylvania criminal and child abuse clearances. Outside locations may require additional clearances. Any offer of employment is contingent upon successful completion of the clearance process.
- Due to the nature of our outreach programs, this position requires immunizations.
- The Lancaster Science Factory is an Equal Opportunity Employer.

About Us:

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.

Interested candidates can send their resume and cover letter to:

Amanda Bakay, Director of Programs and Communications
 454 New Holland Ave
 Lancaster, PA 17602
 abakay@tlsf.org

