



Title: STEM Instructor

Classification: Non-Exempt – Part time

Reports to: Director of Education

Salary: \$20.00 per hour

Date: Ongoing

Background:

The Elementary Institute of Science (EIS) is a non-profit, student-centered organization that provides school, after-school, weekend, and school break STEM classes for students in grades 2 through 8. All classes are designed to provide participants with scientific information and its direct application to their life and well-being. Students explore multiple topics including Biology, Chemistry, Environmental Science, Marine Biology, Health, Sustainability, Computer Science, Photography, Robotics, and Engineering. EIS encourages student involvement, innovation, and creativity through trial-and-error problem solving and teamwork. EIS is located in southeast San Diego about 20 minutes from UCSD and SDSU and across the street from the Euclid Avenue Trolley station. Our Mission: Inspiring A Love of Science and Creating Opportunity for Diverse Children and Youth.

Position Summary

Join a team of talented Science, Technology, Engineering and Math (STEM) Instructors at EIS. We are looking for someone passionate about providing high quality STEM experiences for all students, and promoting equal opportunity for underrepresented and underserved students. Together we are developing and inspiring the next generation of San Diego's STEM literate community. Classes are taught in our 15,000 ft² STEM learning center and feature a 12:1 student to instructor ratio. Examples of hands-on learning activities include programming robots, testing water quality, dissecting fish, designing and building roller coasters, designing and testing parachutes, growing plants, learning to code and creating websites.

Job Duties

- Commitment to EIS mission of inspiring a love of science and creating opportunity for diverse children and youth.
- Attend (paid) Instructor Orientation
- Engage all students in hands-on learning activities
- Teach EIS NGSS curriculum for school programs
- Develop lesson plans with the assistance of the Education staff
- Effectively supervise and manage groups of 12 or more students
- Set up and clean up experiments/labs
- Manage school assemblies and other outreach events for students and adults
- Support EIS education team with inventory of supplies
- Chaperone field trips
- Maintain a positive learning environment



Requirements

- Must be eligible to work in the United States
- B.A./B.S. in a STEM discipline (Life Science, Physical Science, Earth Science, Engineering, Computer Sciences, Math, or other), Education, or related field
- Minimum of 1 year of teaching experience in a classroom, afterschool, science center, or other informal education setting for students in grades 2-8
- Professional demeanor and work ethic
- Ability to write and implement STEM lesson plans
- Ability to work independently and as a member of a team
- Proof of COVID-19 vaccination
- Pass a background check

Work Environment

Work is regularly performed in an office environment and is regularly exposed to noise. When covering the reception area, the environment intermittently includes dozens of young children, instructors, community members, and parents.

Physical Demands

While performing the duties of this job, the employee is regularly required to talk, hear, and see. The employee is frequently required to sit and stand; walk; use hands to type, finger, handle or feel; and reach with hands and arms.

Expected Hours of Work

In person for the 2022-2023 School Year, After-school, Saturday and STEM Programs.

Must have at least four days availability, a minimum of three days during school hours (Mondays-Fridays) and at least one day for after-school or Saturday programs:

- Monday - Friday 8:30 am - 2:30 pm
- Thursday 3:30 pm - 6:30 pm
- Saturday 8:30 am - 4:30 pm
- Additional instruction hours may be added if the schedule allows Monday - Friday
- Camps during school breaks (Thanksgiving, Winter, Spring, Summer)
Monday-Friday 8:30 am - 4:30 pm

To apply

Submit a resume, cover letter and three professional references to info@eisca.org with "YOUR LAST NAME: STEM Part-time Instructor" in the subject line. If your materials indicate a potential match for our requirements, we will contact you. Please, no phone calls to the office regarding this opening.

We are an equal opportunity employer. We promote and celebrate diversity and are committed to creating an inclusive environment for all employees as well as the people we serve.