



Job Posting

Posting Date: Ongoing

Position Title: STEM Instructor

Status: Part time, Non-exempt

Reports to: Director of Education

Background:

The Elementary Institute of Science (EIS) is a non-profit, student-centered organization that provides after-school, weekend, and school break "learning laboratory" 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.

Job Description:

Join a team of talented Science, Technology, Engineering and Math (STEM) Instructors at EIS who are passionate about providing high quality STEM experiences for all 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. Upon passing a background check, instructors earn **\$16.60 per hour**.

Responsibilities:

- Attend (paid) Instructor Orientation
- Develop Lesson Plans with the assistance of the Education staff
- Set up and clean up experiments/labs
- Engage students in hands-on learning activities
- Effectively supervise and manage groups of 12 or more students
- 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

Qualifications & 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
- Must have at least 3 days availability per week, a minimum of 2 days during school hours (Tuesdays-Thursdays) and at least one day for afterschool or Saturday programs

In person (2021-22) School, After-school, and Saturday STEM Programs

- Tuesday-Thursday 8:30 am- 2:30 pm
- Thursdays 3:30- 6:30 pm
- Saturday 8:30 am- 4:30 pm
- Additional instruction hours may be added if schedule allows Monday-Friday

STEM Camps

Must be available for a minimum of three weeks of summer camp and one or two weeks of additional seasonal camps

- Thanksgiving Camp Monday-Wednesday 8:30 am-4:30 pm
- Winter Camp Monday- Thursday 8:30 am-4:30 pm
- Spring Camp Monday-Friday 8:30 am-4:30 pm
- Summer Camp (June 20-August 26, 2022).
Occasional Before care (8:00-9:00 am) or After care (4:00-5:30pm).

Preferred

- Bilingual/biliterate in English and Spanish

Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

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.

To apply, email a cover letter and resume to info@eisca.org.

Equal Opportunity Employer