

**JOB DESCRIPTION:**

Serves as a knowledgeable professional overseeing the Innovation Lab (iLab) and leading our schools' analysis of emerging technologies, instructional theories, and innovative approaches to empower student learning and creativity, developing a dynamic and engaging space that is available to all staff to collaboratively use to introduce STEAM skills, make cross-curricular connections, and provide opportunities to problem solve and design. The iLab Teacher serves as a mentor and support to staff for the integration of project-based learning units in the iLab. In coordination with members of the staff, the iLab Teacher will identify the best tools, devices, and platforms to utilize in order to meet the current and future vision of the iLab and the school(s). Above all else, the iLab Teacher will encourage our students and staff to believe in themselves and provide the real-time support and guidance they need to make progress on their iLab projects and experience.

**RESPONSIBILITIES:**

Under the general direction of an Administrator, the Innovation Lab Teacher will perform the essential functions outlined below:

**ESSENTIAL FUNCTIONS:**

- Demonstrate the ability to model, deliver, and craft rich student-centered learning experiences around Science, Technology, Engineering, Arts, and Math, integrating the Common Core and NGSS standards.
- Demonstrate the ability to create and implement strategies for weaving STEAM experiences into multi-disciplinary curricula across all grade levels.
- Work in partnership with staff, modeling effective teaching with technology, engagement, lesson plan design, use of technology, STEAM, and online tools.
- Demonstrate fundamental knowledge of the connection between technology, computer science, and other fields of study.
- Design, develop, assess, and manage STEAM learning experiences.
- Demonstrate a working knowledge of the Design Thinking process and its use in elementary and secondary education.
- Maintain a safe iLab environment and train staff and students on the safe use of iLab equipment.
- Establish and enforce all CUSD rules, expectations, and policies.
- Perform general maintenance and repair for iLab facilities and equipment.
- Manage iLab budget and inventory of materials and consumables, organizes project storage space, and maintain an organized iLab space.
- Manage iLab calendar and facility use.
- Create a fun, safe, and engaging environment for students.
- Be available for questions and assist students with their projects.
- Engage in brainstorming project design and curricular planning with staff.
- Research new platforms, devices, software, and methodologies to ensure that schools stay abreast of technological and educational innovations.
- Monitor and consult with site administration regarding iLab schedule, materials, and staff needs.
- Perform other related duties as assigned.

**JOB REQUIREMENTS / MINIMUM QUALIFICATIONS:**

- Innovative, self-starter with a growth mindset who works efficiently to attain goals
- Highly skilled in the following areas: interpersonal/relationship building, analytical/strategic thinking, organization, time management, and problem-solving
- Strong collaboration skills to work closely with staff and other experts in the field
- Passion for curriculum development as it pertains to technology integration, maker spaces, and 21<sup>st</sup> Century skills
- Personal appearance, personality and demeanor which reflects professionalism and establishes a desirable example for students
- Organized and flexible in order to meet site needs
- Positive attitude
- Work collaboratively with all stakeholders
- Work independently with limited direction
- Understand and be sensitive to those of culturally and linguistically diverse backgrounds
- Exhibit effective oral and written communication skills

**WORKING CONDITIONS:**

Environment:

The job is performed with frequent interruptions and a general hazard free environment, including classroom environment, office environment, outside and community locations. Traveling between sites is required.

Physical Requirements:

- Seeing to read a variety of materials
- Hearing and speaking to exchange information and make presentations
- Sitting or standing for extended periods of time
- Bending at the waist or crouching or stooping to assist students or staff and to prepare materials
- Traveling to conduct work
- Using a computer and other technology-based equipment
- Variable hours
- Physical agility and stamina
- Lifting light objects weighing up to 15 pounds

**EDUCATION / EXPERIENCE:**

- Valid California Teaching Credential in any area
- Supplementary Authorization in computer concepts and applications
- Training and/or experience sufficient to demonstrate possession of the knowledge and abilities detailed above

**SALARY Schedule Range:**

Placement on the Certificated Salary Schedule

**CALENDAR:** 185 days