

Makerspace Lead Teacher

Department/Division:	Educational Services
Reports To:	21st Century Learning Coordinator
Provides Direction To:	Not applicable
Classification Status:	Certificated
Date Prepared:	December 2025
Date Adopted by Board:	January 22, 2026

JOB SUMMARY

Under general supervision, the Makerspace Lead Teacher supports teacher and student learning through the implementation of 21st century learning skills (communication, creativity, critical thinking and collaboration) in Makerspaces, school libraries and classrooms using technological tools in addition to curricular resources. The Teacher Leader models the use of technology and implementation of 21st Century Skills in district Makerspaces.

ESSENTIAL FUNCTIONS

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the class.

- Works directly with administration and TK - 5th grade site staff in the development, implementation and evaluation of the district Makerspace program
- Provides teacher support to enhance instruction in district makerspaces
- Collaborates with Educational Services staff, site administrators, and instructional and classified staff to effectively implement Makerspace tools, resources, and lessons.
- Develop and design lessons and curriculum for Makerspace lessons that are aligned with computer science standards.
- Co-plans and co-teaches lessons in district makerspaces
- Creates systems that increase the participation of underrepresented students in the district to include at-risk learners, English Learners, students with disabilities and foster youth.
- Plans and develops student design thinking challenges and supports district events
- Coordinates periodic parent meetings, District meetings, Board presentations, and/or District functions to increase understanding of the district's Makerspace program
- Collaborates with district LCAP committee on program improvements and supports
- Other duties as assigned.

QUALIFICATION GUIDELINES

Knowledge of:

- Curriculum standards including Common Core Standards, CA Next Generation Science Standards, Computer Science Standards, and 21st Century Learning practices and skills, including Artificial Intelligence
- Research and evidence-based practices in Makerspace practices and STEM integration

Ability to:

- Works collaboratively with colleagues, administrators and other departments to support makerspace learning opportunities
- Work and communicate effectively as a team member with teachers, administrators and other departments
- Identify program needs and alternatives to support student achievement in district makerspaces
- Assist teachers in the planning and implementation of activities and procedures designed to ensure the completion of objectives aligned with the district makerspace program
- Takes initiative and works with minimal direction

EDUCATION/TRAINING/EXPERIENCE

- B.A. or B.S. degree
- Master's degree (preferred)
- Minimum of five (5) years' experience in public schools as a classroom teacher in general or special education setting
- Extensive training, practice, and skill development in:
 - STEM instruction with students and teachers
 - Computer Science and coding knowledge and experience with students and teachers
 - Delivering professional development/training in STEM and 21st century learning
 - CUE conference
 - CA STEAM conference
 - AI training & workshops
 - Lego engineering, coding, and robotics training
 - Lego Science training for coaches
 - First Lego League training in engineering, coding, and robotics

LICENSES/CERTIFICATES/SPECIAL REQUIREMENTS

- Current and valid California credential authorizing service as a teacher in any grade or subject area, K-12, is required.
- Multiple subject credential preferred

- Valid Class C California Driver's License, acceptable driving record, and evidence of insurance is required.

PHYSICAL AND MENTAL DEMANDS

The physical and mental demands described here are representative of those that must be met by employees to successfully perform the essential functions of this class.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Physical Demands:

While performing the duties of this job, the employee is regularly required to use hands and fingers to use computer keyboards, peripheral devices, and office and audiovisual equipment. The employee is expected to be able to reach above shoulder and below shoulder level with hands and arms. The employee frequently sits while evaluating data and preparing reports. The employee frequently stands and walks to various areas in office and classroom sites in order to meet with instructors and District staff and monitor the effectiveness of technology resources. The employee is expected to be able to bend, stoop, crouch, or kneel when setting up and testing computer and media equipment applications. The employee occasionally lifts and carries reports, records, and light computer equipment typically weighing less than 20 pounds.

Specific vision abilities required by this job include close vision and the ability to adjust focus. Additional sensory demands include the ability to hear and talk.

Mental Demands:

While performing the duties of this class, the employee must be able to use written and oral communication skills; plan and prioritize work; read and interpret technical specifications; analyze and solve problems; learn and apply new information or new skills; work under deadlines with constant interruptions; and interact effectively with District and school site staff, faculty, management, vendors, contractors, other parties, and the general public.

WORK ENVIRONMENT

The employee frequently works in both office and classroom locations within District and school site settings. The noise level is frequently quiet or moderately quiet, at or below 85 decibels.

**LAWNDALE ELEMENTARY SCHOOL DISTRICT
Job Description**

Board Policy 4030: The Board of Trustees desires to provide a positive and safe work environment where employees, interns, volunteers, and job applicants are free from harassment and are assured of equal access and opportunities in accordance with law. No district employee shall be discriminated against or harassed by any coworker, supervisor, manager, or other person with whom the employee comes in contact in the course of employment, on the basis of the employee's actual or perceived race, religious creed, color, national origin, ancestry, age, marital status, pregnancy, physical or mental disability, medical condition, genetic information, military and veteran status, gender, gender identity, gender expression, sex, or sexual orientation or his/her association with a person or group with one or more of these actual or perceived characteristics.