

LEAD TEACHER: STARBASE

JOB SUMMARY

Under the direction of the assigned supervisor, the teacher provides directed learning experiences in Science, Technology, Engineering, and Mathematics (STEM) to students in grades 4-6 during the school year and outside of the school year. Implements the STARBASE program curriculum according to Department of Defense (DoD) program guidelines. Provides classroom instruction, organizes and manages classrooms, prepares the facility and instructional materials for classes, and guides the work of an Instructional Assistant.

DISTINGUISHING CHARACTERISTICS

The Lead Teacher, STARBASE performs additional duties related to program coordination, marketing, evaluation, and maintenance of records and files. The Lead Teacher may serve as deputy to the program Director.

QUALIFICATIONS

Required:

1. A valid California Multiple Subject teaching credential.
2. English Learner (EL) or Cross-cultural Language, and Academic Development (CLAD) certification or willingness to apply for Emergency CLAD and obtain certification within state timelines.
3. A demonstrated ability to communicate effectively orally and in writing.
4. A valid California driver's

license. Desirable:

1. Three or more years of experience in elementary education.
2. Experience teaching STEM-related subjects (Introductory Chemistry, Physics, Computer Science, Engineering, Geometry, Robotics, Rocketry, and Mathematics).

KNOWLEDGE AND ABILITY

1. Knowledge of modern teaching methods and techniques.
2. Ability to manage and prioritize multiple activities.
3. Ability to communicate effectively verbally and in writing sufficient to express ideas, thoughts, lesson material and instructions clearly to students, community and staff.
4. Ability to collaborate effectively on inter- and intra-agency levels.
5. Ability to assess individual needs, establish realistic and appropriate goals and objectives, and design and implement a program for each student.
6. Ability to establish and maintain communication with all stakeholders.
7. Ability to maintain suitable classroom control.
8. Ability to maintain suitable learning environment including appropriate planning and organization of classroom, and provides appropriate materials.
9. Ability to keep accurate class records, including attendance and lesson plans, and submit reports in a timely manner.
10. Ability to direct and provide feedback on support staff and volunteers.
11. Ability to monitor and evaluate pupil progress by observations and formal/informal assessments.
12. Ability to drive a car.

ESSENTIAL FUNCTIONS of this position are, but not limited to, the following:

1. Design and develop engaging and age appropriate STEM curriculum in alignment with state standards, ensuring that the curriculum is relevant to the DoD mission and objectives.
2. Deliver high quality instruction to students, utilizing effective teaching strategies, resources, and technologies to promote student engagement and learning.
3. Collaborate with other STARBASE teacher(s), assistants, school personnel, parents, military staff and community partners to enhance the overall educational experience for students.
4. Teach a range of STEM subjects, including but not limited to physics, chemistry, engineering, rocketry, robotics, computer science, and mathematics.
5. Participate in STARBASE evaluation activities, collecting data and soliciting feedback to assess the effectiveness of the program.
6. Facilitate hands-on experiments, activities, and projects that enable students to apply their knowledge, develop problem-solving skills and foster creativity.
7. Provide guidance, supervision and support to students during activities to ensure safety and effective learning outcomes.
8. Identify individual student needs and provide differentiated instruction to accommodate diverse learning styles and abilities.
9. Submit necessary reports in a timely manner.
10. Engage in continuous professional development to stay current with the latest developments, research, and best practices in STARBASE and STEM education.
11. Direct support staff, and volunteers.
12. Develop and implement reasonable personal goals and objectives.
13. Drive a car.

PHYSICAL REQUIREMENTS for this position are, but not limited to, the following:

1. Mental acuity to perform essential functions listed in this job description and to make other determinations relative to the effective performance of tasks.
2. Facility to sit at a desk, conference table or in meeting rooms of various configurations for extended periods of time.
3. Facility and stamina to sit and stand alternately for up to 7 1/2 hours.
4. Facility to see and read lessons, books, rules, policies and other printed matter, with or without vision aids.
5. Facility to hear and understand speech at normal room levels, outside the classroom, and to hear and understand speech on the telephone.
6. Manual dexterity to operate a telephone, and operate audio-visual and other classroom equipment and teaching aids using both hands.
7. Facility to speak in audible tones so that others may understand clearly in normal conversations, inside or outside the classroom, in training sessions and other meetings.
8. Physical agility to lift 25 pounds to shoulder height and 50 pounds to waist height; and to bend, to stoop, to walk on uneven terrain, to climb stairs, and to reach overhead.
9. Facility to drive a car.

NOTE: This list of essential functions and physical requirements is not exhaustive and may be supplemented as necessary in accordance with the requirements of the job.