

**Killeen Independent School District
Job Description**

Job Title: Mobile STEM Lab Teacher
Reports To: Director of STEM Academy
FLSA Status: Exempt

SUMMARY

Supports the 3rd-5th grade instructional program in the areas of Science, Technology, Engineering, and Mathematics (STEM) through project based and hands-on learning activities. Provides engaging project-based lessons and learning opportunities to students with integration across multiple content areas. Develops and leads digital learning such as computer programming, robotics, 3D printing, and other digital STEM based learning opportunities.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

Creates an environment of curiosity, creativity, and innovation in learning for students.

Plans innovative and novel lessons in informal settings to assigned classes.

Develops an interest in project-based learning and understanding of STEM principles.

Maintains an entrepreneurial spirit, flexibility, initiative and desire to work collaboratively with colleagues and students.

Delivers STEM related instruction through project-based learning methods.

Employs a wide variety of instructional techniques and instructional media, which guides the learning process in the STEM environment.

Uses technology to promote learning, creativity, and collaboration.

Works directly with school administrators and staff in the development, implementation, and evaluation of STEM initiatives and curriculum.

Organizes, develops, and coordinates STEM events/activities.

Attends professional development and training related to STEM programs and methodologies, staying abreast of current research.

Coaches teachers on STEM initiatives and instructional best practices in the STEM areas.

Initiates new programs that support the STEM vision.

Provides an atmosphere and environment conducive to the intellectual, physical, social, and emotional development of children.

Develops safety and maintenance systems and guidelines for teachers and students.

Takes all necessary and reasonable precautions to protect students, equipment, materials, and mobile STEM lab.

Creates and maintains a culture of respect for lab and tools.

Keeps informed of and comply with state, district, and school regulations and policies for educators.

Shares STEM events and activities through social media, such as Facebook, Twitter, and Instagram.

Assists Mobile STEM Lab Driver/Assistant with inventory.

Performs other such duties as assigned.

SUPERVISORY RESPONSIBILITIES:

May supervise one or more STEM lab assistant(s) and/or volunteer(s). Carry out supervisory responsibilities in accordance with the organization's policies and applicable laws. Responsibilities include training employees/volunteers; planning, assigning, and directing work; addressing complaints and resolving problems.

QUALIFICATIONS:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

EDUCATION and/or EXPERIENCE:

Bachelor's degree and 3 years of math/science classroom teaching experience at the elementary level.

CERTIFICATES, LICENSES, REGULATIONS

Texas teaching certificate for elementary grades.

LANGUAGE SKILLS:

Ability to read, analyze and interpret general periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, correspondence, and procedure manuals. Ability to effectively communicate, present information, respond to questions, and interact with students, parents, staff and the community in a positive manner.

MATHEMATICAL SKILLS:

Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.

REASONING ABILITY:

Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form. Ability to deal with problems involving several variables in standardized situations and enact positive approaches to classroom management.

PHYSICAL DEMANDS:

While performing the duties of this job, the employee is regularly required to stand and walk. The employee frequently is required to use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; and talk or hear. The employee is occasionally required to sit. The employee must regularly lift and carry 15-44 pounds; occasionally lift and carry 45 pounds and more; may lift and move text books and classroom equipment. Specific vision abilities required by this job include close vision, distance vision, depth perception, and ability to adjust focus.

WORK ENVIRONMENT:

While performing the duties of this job, the employee is regularly required to travel to multiple campuses and is occasionally exposed to outside weather conditions. The noise level in the work environment is usually moderate to loud. Employee will also be required to work a flexible schedule to include some evenings, weekends, and summer days.

Revised Date: October 30, 2018

The foregoing statements describe the general purpose and responsibilities to this job and are not an exhaustive list of all responsibilities, duties, and skills that may be required.