

TEACHER – ELEMENTARY SCIENCE SPECIALIST GRADES 4-6

DEFINITION:

Under District Office supervision, provides standards-based instruction in science to students in grades 4-6 at elementary schools as assigned.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Works to build rapport with both site administration and staff, as well as District administration and staff, to be an integral part of the school community and Elementary Science Specialist community.
- Delivers instruction aligned with the shifts represented in the Next Generation Science Standards and framework.
- Provides leadership at assigned school sites to promote the teaching and learning of science.
- Works with the principal and teaching staff to effect horizontal and vertical continuity and articulation of the science program.
- Assists in the implementation, refinement, and evaluation of the District-provided science curriculum.
- Collaborates with peers in professional learning communities to plan and deliver articulated and consistent curriculum that promotes evidence-based student learning.
- Provides instruction and learning experiences that are motivational, helps students to develop an appreciation of the subject matter, and promotes interest in a continued exploration of the subject matter.
- Coordinates and participates in school-wide and district-wide events (such as Back to School Night, Open House, Ask-a-Scientist Night, Science Fair, Astounding Inventions, Astronomy Night).
- Maintains professional competence through in-service education activities provided by the district and in self-selected professional growth activities.

QUALIFICATIONS GUIDE

Knowledge of:

Principles, theories, methods, techniques, and strategies pertaining to teaching and instruction of elementary level students; academic, social, and behavioral characteristics of elementary level students; educational curriculum and instructional goals and objectives, and educational trends and research findings pertaining to comprehensive elementary programming; motivational, behavior management and behavior shaping strategies, techniques and methods, and conflict resolution procedures; socio-economic and cultural backgrounds of the school population.

Ability to:

Plan, organize, develop, and conduct a comprehensive teaching and instructional program for students at the elementary school level in science; provide appropriate and effective learning experiences for students from a wide range of socio-economic levels and cultural backgrounds; effectively assess the instructional and educational needs of students, and design, develop, and implement sound instructional and educational programs; provide a motivating and stimulating learning environment; perform research and development activities pertaining to curriculum and instructional programs and innovative and creative pilot projects designed to enhance student educational opportunities and experiences; comply with the District's core values, continuous improvement efforts and strategic initiatives.

EDUCATION/EXPERIENCE:

Any combination equivalent to: three years of college-level course work in computer science, information technology or a related field in which experience involves data base management.

CREDENTIAL:

Required: Valid California Credential authorizing service in science

Preferred: Valid California Credential in Multiple Subjects and Single Subject Science Credential or Supplemental Authorization in Science (the credential or authorization must be earned within the first two years in the position)

TRAINING AND EXPERIENCE:

A combination of student teaching, internship, or teaching experience

EDUCATION:

Bachelor's degree or higher including all courses to meet credential requirements.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential function. While performing the duties of this job, the employee is regularly required to talk or hear. The employee is occasionally required to stand; walk; sit; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; and stoop, kneel, crouch, or crawl.

The employee must occasionally lift and/or move up to 10 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

This position typically requires that the individual travels by car from site to site (two or three sites total) throughout a week, and occasionally, within a day.

While performing the duties of this job, the employee occasionally works in outside weather conditions.

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