



# RIALTO UNIFIED SCHOOL DISTRICT

## Middle School Science Teacher Job Description

### DEFINITION

As a part of a secondary teaching assignment, teach one or more classes in the field of science to students in grades 7 and 8, assist in other school programs as assigned, and create a flexible program and environment favorable to learning and personal growth in accordance with each student's ability.

### ESSENTIAL DUTIES

- Teach scientific knowledge, skills, attitudes, and rational thinking processes through courses in general science, earth science, biology, chemistry, physics, and other science related courses
- Instruct students in citizenship, basic communication skills, and other general elements of the course of study specified in state law and administrative regulations and procedures of the school district.
- Plan an interesting, well balanced science instructional program involving lectures, discussions, laboratory experiences, and audio-visual presentations.
- Organize classroom and laboratory activities and procedures for optimum learning.
- Demonstrate scientific concepts by use of scientific apparatus, experiments, charts and other instructional aids.
- Instruct students in proper use, care, and safe handling of chemicals, science equipment, and plant and animal life.
- Provide for efficient storage and proper use of materials, equipment, and tools to prevent loss or abuse. Perform preventive maintenance and request as needed.
- Perform administrative tasks necessary for an ongoing program such as selecting textbooks, instructional aids, science equipment, chemicals, glassware, live specimens and other supplies.
- May plan and coordinate the work of aides, teacher assistants, or other para-professionals.

### QUALIFICATIONS

#### **Knowledge of and ability to:**

- Develop interest centers with models, displays, books, magazines and similar materials to motivate learning of science.
- Participate in curriculum and other developmental programs within the school of assignment and/or on a district level.
- Assist students in selection and development of individual research projects and encourages students to enter science fairs and other contests.
- Cooperate with the administration and other science teachers in providing science programs and other science activities such as science fairs, clubs, etc.
- Communicate with parents and school counselors on the individual student's progress.

#### **Experience and Education:**

- Possession of a valid California Secondary Science Credential and EL Certificate
- No Child Left Behind (NCLB) compliant in science
- Fingerprints on file as required by State Law
- TB Skin Test as required by State Law

### PHYSICAL DEMANDS

#### **Physical class:**

Moderate lifting - 40 pounds maximum with occasional lifting and/or carrying objects weighing up to 5 pounds.

#### **Work area requirements:**

Regular classroom, in the common areas, parking lot, bus stop areas and possibly field trips. Ability to use common school hand tools, computer, telephone and photocopy machine. Ability to transverse any part of a 10 acre campus which would include asphalt, sidewalks, grass on playgrounds, dirt, and bus areas.

**Physical requirements:**

The time requirements are listed considering this wording and meaning:

Occasionally/low - up to 3 hours

Frequently/Medium - 3 to 6 hours

Constantly/High - 6 to 8 hours

Stooping: Occasionally

Bending: Occasionally

Lifting: Occasionally

Reaching: Occasionally

Handling: Frequently

Crouching: Occasionally

Grasping: Frequently

Fingering: Occasionally

Carrying: Frequently

Standing: 0-30 minutes to 1 hour

Kneeling: Not required

Sitting: 0 or may sit 60 minutes a day

\*Driving: Must have ability to get to inservices meeting

Walking: Frequently - up to 4 ½ hours a day

Push/Pull: Occasionally

**\*Possession of a current California Driver's license, a DMV printout and the ability to be covered by the company auto insurance is required.**

**Frequent motion:**

Twisting: Not required

Wrist flexion: Yes - Occasionally

Reaching to shoulder level: Yes - Occasionally

Reaching to above shoulder level: Yes - Occasionally to put up classroom decorations

Forward shoulder/neck flexion: Yes - Occasionally

Elbow flexion/extension: Yes - Frequently

Reaching below shoulder level: Yes - Frequently

**Sensory requirements:**

Ability to see: Constantly

Ability to talk: Constantly

Ability to touch: Constantly

Ability to hear: Constantly

Ability to smell: Constantly

**Must be able to deal with these environmental considerations:**

Odor: Not required

Humidity: Yes, occasionally

Moisture: Not required

Working inside: 95% of the day

Floor may be slippery at times: Yes, when painting

Working in close quarters with others: Yes, all day long

Heat: Has own air conditioning/heating may break down

Noise: Must be able to work around "productive noise"

Fluorescent lights: Yes, all day long

Working outside: 5% of the day

**This job requires:**

Alertness: Constantly

Attention to detail: Constantly

Ability to work in temperatures down to 40 degrees and up to 110 degrees.

Recall of names and dates: Yes

The use of two hands: Constantly

**Ability to deal with psychological factors:**

Team work: Yes

Frustration: Medium

Repetitive tasks: Yes

Level of responsibility: High

Must keep up with schedule: High

Able to work overtime as needed: High

Dealing with angry parents, students: Yes

**Physiological Factors:**

Must maintain a high level of consciousness: Yes

Orientation to time, place or person: Yes

Ability to read at 12<sup>th</sup> grade level: Yes

Ability to comprehend and follow directions: Yes

Able to keep up a high activity level during the shift: Yes