



RIALTO UNIFIED SCHOOL DISTRICT

High School Chemistry 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 9 through 12, 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.
- 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.
- May plan and coordinate the work of aides, teacher assistants, or other para-professionals.
- To develop in each student and awareness of the role of science in economic and social progress.
- To motivate each pupil to acquire knowledge of scientific facts and principles, and skills in scientific methods of problem solving.
- To discover and develop special talents of pupils in scientific fields.
- To establish good relationships with parents, with other staff members and with the scientific community.

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:

- Bachelor's degree or higher from an accredited college or university.
- Possession of a valid credential authorizing service as a Chemistry teacher.
- Possession of an EL Authorization.
- No Child Left Behind (NCLB) compliant in Chemistry.

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	Carrying:	Frequently
Bending:	Occasionally	Standing:	0-30 minutes to 1 hour
Lifting:	Occasionally	Kneeling:	Not required
Reaching:	Occasionally	Sitting:	0 or may sit 60 minutes a day
Handling:	Frequently	*Driving:	Must have ability to get to inservices meeting
Crouching:	Occasionally	Walking:	Frequently - up to 4 ½ hours a day
Grasping:	Frequently	Push/Pull:	Occasionally
Fingering:	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	Forward shoulder/neck flexion:	Yes - Occasionally
Wrist flexion:	Yes - Occasionally	Elbow flexion/extension:	Yes - Frequently
Reaching to shoulder level:	Yes - Occasionally	Reaching below shoulder level:	Yes - Frequently
Reaching to above shoulder level:	Yes - Occasionally to put up classroom decorations		

Sensory requirements:

Ability to see:	Constantly	Ability to hear:	Constantly
Ability to talk:	Constantly	Ability to smell:	Constantly
Ability to touch:	Constantly		

Must be able to deal with these environmental considerations:

Odor:	Not required	Heat:	Has own air conditioning/heating may break down
Humidity:	Yes, occasionally	Noise:	Must be able to work around "productive noise"
Moisture:	Not required	Fluorescent lights:	Yes, all day long
Working inside:	95% of the day	Working outside:	5% of the day
Floor may be slippery at times:	Yes, when painting		
Working in close quarters with others:	Yes, all day long		

This job requires:

Alertness:	Constantly	Recall of names and dates:	Yes
Attention to detail:	Constantly	The use of two hands:	Constantly
Ability to work in temperatures down to 40 degrees and up to 110 degrees.			

Ability to deal with psychological factors:

Team work:	Yes	Must keep up with schedule:	High
Frustration:	Medium	Able to work overtime as needed:	High
Repetitive tasks:	Yes	Dealing with angry parents, students:	Yes
Level of responsibility:	High		

Physiological Factors:

Must maintain a high level of consciousness:	Yes
Orientation to time, place or person:	Yes
Ability to read at 12 th grade level:	Yes
Ability to comprehend and follow directions:	Yes
Able to keep up a high activity level during the shift:	Yes