

**FRESNO UNIFIED SCHOOL DISTRICT  
POSITION DESCRIPTION**

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|-------------------|---|------------------------|------------------------|
| <b>TITLE:</b>     | Teacher, Chemistry-Physics<br>Secondary | <b>REPORTS TO:</b>     | Principal              |
| <b>DEPARTMENT</b> | School Site                             | <b>CLASSIFICATION:</b> | Certificated           |
| <b>WORK YEAR:</b> | 183 Days                                | <b>SALARY:</b>         | Regular Teacher Salary |

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**MINIMUM QUALIFICATIONS:**

California credential authorizing instruction of chemistry-physics at the secondary level

**KNOWLEDGE AND ABILITIES:**

Knowledge of and ability to implement the subject matter, philosophical, social, and educational concepts relative to the duties and responsibilities listed on this job description.

**DUTIES AND RESPONSIBILITIES:**

As a Director of Learning

1. Teach skills, knowledge, and scientific attitudes through courses in classes in chemistry-physics to secondary pupils, utilizing course of study adopted by the Board of Education and other appropriate learning activities. May conduct developmental or other pilot programs officially approved by the District
2. Instruct pupils in citizenship, basic communication skills, and other general elements of the course of study common to all teachers, as specified in state law and administrative regulations procedures of the school district
3. Plan a balanced chemistry-physics instructional program involving demonstrations, lectures, discussions, and student experiments; organize laboratory activities and procedures for optimum learning
4. Demonstrate scientific concepts by use of scientific apparatus, experiments, and standard or teacher-prepared charts, sketches, and other instructional aids
5. Provide individual or small group instruction in order to adapt the curriculum to the needs of pupils and to accommodate circumstances where a variety of projects and experiments are being worked on simultaneously
6. Instruct pupils in proper use, care, and safe handling of chemicals and science equipment
7. Provide for safe storage and proper use of materials, equipment, and tools to prevent loss or abuse. Make minor adjustments and request repairs to equipment as required
8. Establish and maintain standards of pupil behavior needed to promote a productive learning environment during regular class sessions, laboratory sessions, and field trips.

## **Certificated Job Description**

### **TITLE - Teacher, Chemistry-Physics, Secondary**

#### **Page two**

9. Develop, with assistance of pupils, interest centers, models, and displays including books and similar materials to motivate learning of science
10. Evaluate each pupil's growth in knowledge, skills, and scientific attitudes in course being taught and prepare progress reports
11. Select and request books, instructional aids, science equipment chemicals, glassware, and supplies, and maintain inventory records as required
12. Assist pupils in selection and development of individual research projects

#### **Relationships**

1. Cooperate with school administration in providing science displays and programs for the school and community, and in sponsoring science fairs, clubs, and contests
2. Communicate with parents and school counselors on the individual pupil's progress
3. Supervise pupils in out-of-classroom activities during the assigned working day
4. Identify pupil needs, and cooperate with other professional staff members in assessing and helping pupils solve health, attitude, and learning problems
5. Participate in curriculum and other developmental programs within the school of assignment and/or on a District level. May teach under modular or flexible scheduling plans

#### **Professional Attitude, Responsibility, and Participation**

1. Perform basic attendance accounting and business services as required
2. Share in the sponsorship of student activities and participate in faculty committees
3. May plan and coordinate the work of aides, teacher assistants, or other paraprofessionals
4. Maintain professional competence through participation in in-service education activities provided by the District and/or in self-selected professional growth activities

Duties and responsibilities may be added, deleted or changed at any time at the discretion of management

#### **ACCOUNTABILITY:**

Person to whom responsible: On-site Principal

Evaluator: On-site Principal

Persons responsible to Teacher, Chemistry-Physics: Those designated by Principal