

TEACHER ON SPECIAL ASSIGNMENT – S.T.E.M.

Description of Position

Under the direction of the Director of Curriculum, Instruction & Assessment, the Teacher on Special Assignment-STEM supports teachers and student learning by developing curricula that integrates Science, Technology, Engineering and Math (STEM), Next Generation Science Standards (NGSS), and the use of technology and 21st Century skills, and coordinates staff development to support teaching and learning.

Essential Duties

- Work directly in the development, implementation, and evaluation of STEM and NGSS curriculum
- Develop, evaluate and recommend new or expanded programs and curricula in STEM education and assessments
- Organize, develop, and provide training for staff related to STEM integration in the classroom and STEM room
- Create a follow-up plan to ensure implementation and best practices in NGSS implementation
- Conduct demonstration lessons and provide peer coaching
- Share and present information, best practices, and implementation plans
- Collaborate with grade-level professional learning communities to help support a culture of high expectations for student growth and achievement using student data
- Coordinate and facilitate STEM-related meetings
- Perform other duties as may be assigned
- Attend meetings, workshops, and training as directed

Qualifications

Knowledge of:

- Organizational and collaborative skills
- Principles, theories, methods, techniques, and strategies pertaining to teaching and instructing students and adults
- Curriculum and educational trends and research findings pertaining to instructional best practices and innovative instruction using technology, Common Core State Standards, and Next Generation Science Standards
- Lesson design using data to determine instruction
- Curriculum and effective teaching practices
- Evaluation and assessment practices
- Microsoft Office Suite and Google applications
- District operations, policies, rules, and regulations
- Cypress School District plans, i.e. LCAP, LEAP, technology plans

Teacher on Special Assignment-S.T.E.M. (continued)

Ability to:

- Work collaboratively with colleagues, administrators, and other departments
- Assist Professional Learning Communities in planning, organizing, and monitoring the implementation of STEM education
- Communicate effectively, in both oral and written form
- Establish and maintain effective working relationships
- Help analyze problems and issues and develop appropriate solutions
- Take initiative and manage multiple tasks with minimal direction
- Utilize technology for instruction, communication, and record keeping

Education/Experience/Required Certification:

- Minimum three years successful teaching experience
- Valid California Multiple-Subject Teaching Credential: General Subjects, including EL authorization
- No Child Left Behind compliance
- Valid California Driver's License

Physical Demands and Requirements

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 functions.

While performing the duties of this job, the employee is regularly required to stand, walk, talk or hear, and taste or smell. The employee frequently is required to use hands to finger, handle, or feel objects, tools, or controls. The employee is occasionally required to sit; climb or balance; and stoop, kneel, crouch, or crawl. The employee must occasionally lift and/or move up to 25 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. The employee must possess mental and physical health and hygiene conducive to the high standards of the District.

Board Approved: May 12, 2016