Harrah Elementary School Computer Science Technology

General Job Description
Under the general supervision of the School Principal, plan and organize instruction in ways that maximize student learning, employ appropriate teaching and learning strategies to communicate subject matter to students including strategies to meet diverse student needs. Candidates must demonstrate a knowledge of Computer Science Technology instruction as well as the ability to have students produce functioning robotics.

Candidates must demonstrate a commitment to implement high-quality computer science instruction to:
- Increase the opportunity for all students to gain knowledge of computer science.
- Introduce the fundamental concepts and applications of computer science to grades K-6.
- Make computer science at the elementary level accessible.
- Offer opportunities for students to study facets of computer science in depth and prepare them for entry into a career or college.

Essential Functions
- Use the Washington State Computer Science Standards to develop an appropriate Computer Science Technology Curriculum for students in grades K-6.
- Teaches knowledge and understanding of Computer Technology careers.
- Conducts ongoing assessment of student growth and progress in the CSA activities, and modifies instructional methods to fit individual student’s needs, including students with special needs; conducts individual and small group instruction as needed.
- Continues to acquire professional knowledge and learn of current developments in the Computer Science Technology field by attending seminars, participating in professional organizations, workshops or professional meetings, or by conducting research.
- Maintains a system for accurate and complete record-keeping, grading, and reporting for all student activities, achievement and attendance as required by district procedures and applicable laws.
- Encourages parental involvement in students’ education and ensures effective communication with students and parents.
- Ensures that student’s conduct conforms to the school’s standards and school district policies, and establishes and maintains standards of student behavior needed to achieve a functional learning atmosphere in the classroom.
- Meets with other professional staff members, especially within the S.T.E.M. Program and participates in faculty meetings and committees.
- Selects and requisitions appropriate instructional aids and other supplies and equipment and maintains inventory records in accordance with District Policies and Procedures.

Additional Duties
- Performs other related tasks as assigned by the Principal and other central office administrators as designated by the Superintendent.
Knowledge, Skills and Abilities

- Knowledge of current Computer Science Technology education instructional methods and grade level learning standards, as well as differentiated instructional methods based upon student learning styles.
- Demonstrates a thorough knowledge of the field of Computer Science Technology as appropriate for grade K-8.
- Knowledge of data information systems data analysis and the formulation of action plans.
- Knowledge of applicable federal and state laws and regulations regarding education and students, as well as relating to Computer Science Technology.
- Ability to use computer network systems and software applications as needed. Ability to organize and coordinate work.
- Ability to communicate effectively with students and parents.
- Ability to engage in self-evaluation with regard to performance and professional growth.
- Ability to establish and maintain cooperative working relationships with others contacted in the course of work.

Qualifications Profile

- Degree in related field - Required
- Experience teaching preferred
- EL Certification preferred
- Bilingual Spanish preferred
- Residency Washington State Teaching Certificate preferred or willing to join a program of study to complete the certificate in two years.

Education

- Bachelor’s Degree from an accredited college or university in education discipline applicable to teaching assignment.
- Master’s degree in Instructional Technology or similar preferred

Experience

- Experience teaching in the Elementary/Middle school setting preferred

Salary

See MAEA Collective Bargaining Agreement