

WILSON CREEK SCHOOL DISTRICT

POBOX 46
WILSON CREEK, WA 98860

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Middle & High School Science Teacher (Grades 5-12)

OPENS: Monday, April 09, 2018 CLOSSES: Open until filled

Position Details: Wilson Creek is seeking a certificated science teacher for the 2018-2019 school year. The position requires science instruction to students in grades 5-12, with courses based on Common Core Standards and SBAC Standards. Of critical importance is the ability to teach individually to meet each student's specific needs, effective instruction that engages all students, and the ability to create and maintain a classroom environment that is safe to take risks, ask questions, and explore. **Applicants must hold an active Washington State Teaching Certificate in Science.**

Wilson Creek is a small school district located approximately 30 miles north of Moses Lake, and 20 miles east of Ephrata. We are a small school district with an enrollment of 170 students, preschool through 12th grade. Set within a rural farming community, students come from within a 25-mile radius to attend our school. With nearly 60% choice students, our school feels very much like a private school. We routinely receive annual awards such as School of Distinction and Achievement for Academic Excellence, and are proud of decades of a 100% graduation rate. Wilson Creek provides teachers the opportunity to (1) work with small class sizes (18 or less), (2) provide individualized/targeted instruction to students, and (3) work collaboratively with a caring and welcoming student-focused, professional staff.

Reports To: Principal/Superintendent

Purpose: To plan, organize and present instruction and instructional environments that help students learn subject matter and skills that will contribute to their educational and social development. Teaching science to students at the elementary and high school levels involves introducing and reinforcing students' understanding of a number of key concepts about the world, humans, and natural systems. To provide instruction equitably in a small school setting with clear targets and individualized instruction, promoting growth in Science in a safe and positive classroom environment.

Duties and Responsibilities

- Management of Instructional Time: The teacher...
 1. has materials, supplies and equipment for each lesson ready at the start of the lesson or instructional activity;
 2. gets the class started quickly;
 3. gets students on task quickly at the beginning of each lesson;
 4. maintains a high level of student time on-task.

Management of Student Behavior: The teacher...

1. has established a set of rule and procedures that govern the handling of routine administrative matters;
2. has established a set of rules and procedures that govern student verbal participation and talk during different types of activities – whole-class instruction, small group instruction, etc.
3. has established a set of rules and procedures that govern student movement in the classroom during different types of instructional and non-instructional activities;
4. frequently monitors the behavior of all students during whole-class, small group, and seat work activities and during transitions between instructional activities;
5. stops inappropriate behavior promptly and consistently, yet maintains the dignity of the student.

Instructional Presentation Middle School: The teacher...

1. Help students develop the skills and strategies for scientific problem solving
2. Understand the basic concepts of science
3. Assist students in understanding the natural and human-designed worlds
4. Teach students how to obtain knowledge about nature
5. Show students' historical models of biological and chemical processes and concepts and explain how they've changed

6. Show students what scientists do as individuals and as a community
7. Explain clearly scientific ethic and societal contributions
8. Demonstrate and model how scientific hypotheses are created and tested
9. Lead students through discourse in scientific philosophy - explain the benefits and risks of scientific discoveries using historical and emerging examples
10. Relate scientific thought in abstract to environmental warming in specific and abstract
11. Help students understand the concepts that underlie individual scientific facts and perspectives
12. Assist students in developing and applying an objective inquiry-driven mindset
13. Enthusiastically participate in collaborative co-curricular and extracurricular teams; draw students into these projects
14. Be open to receive teaching feedback and support from teaching partners and administration
15. Demonstrate creativity and economy, while focusing on the scientific method; seek additional sources of funding and materials where appropriate
16. Show students' relationships between facts and 'big ideas' - the underlying fundamental scientific concepts and laws that nature adheres to
17. Teach students how to ask scientific questions and how to demonstrate curiosity about the world and its natural systems in order to become scientific thinkers
18. Engage in professional development on a planned and ad hoc basis
19. Proactively communicate with families and students about individual and class progress
20. Promote the school culture and practices, as well as instructional strategies and student rules through extracurricular and co-curricular activities and staff leadership
21. Praise students in meaningful ways regarding their positive choices and achievements
22. Collaborate with other teachers to support the school's mission statement and values
23. Develop positive and professional relationships with students and their families
24. Conduct every work and related activity in a professional manner
25. Develop an emergent sense of whether a scientific question and 'answer' are fair or unfair according to scientific objectivity
26. Lead students to make educated hypotheses or predictions as to possible outcomes of a process or experiment
27. Model safety in the classroom with teacher-selected equipment for observation and measurement
28. Teach students how to record data in an objective fashion using pictures, writing, and charts
29. Become an active listener
30. Support the mission and vision of the school district and school
31. Be committed to teaching students in their particular community
32. Set rigorous academic, time-management and development goals for students to achieve in the classroom

Instructional Presentation High School: The teacher...

1. Teach students how to formulate relevant questions and hypotheses between observable variables
2. Help students plan investigations to answer their questions
3. Use appropriate modes to communicate ideas; use linguistic, numeric, symbolic and graphical examples
4. Model how to conduct research by gathering, organizing and analyzing information's
5. Model what is an appropriate source of information
6. Discuss at length the concept of scientific objectivity
7. Assist students in discovering the scope of human interaction and its impact on biological systems
8. Assist students in discerning likely hypotheses for theories of origin
9. Teach students formulaic approach to genes, motion, and chemical bonding
10. Assist students in determining hierarchal structures and systems: of animals, chemicals, and vector formulas
11. Teach students the ways that plant structures differ from animal structures
12. Teach students the difference between organic and inorganic chemical processes
13. Model for students the creation and deployment of relevant and insightful scientific inquiries
14. Have students identify credible sources of information from which to study - link this process to scientific objectivity and the concept of scientific rigor
15. Show students how to evaluate and report on the results of a scientific inquiry
16. Lead students to describe the contributions of scientists from all disciplines
17. Lead students to explore a variety of careers in science, technology, engineering and mathematics (STEM)

18. Remediate gender inequalities in classroom practice and lecture
19. Demonstrate creativity while focusing on the scientific method; strive to bring real world examples and problems to the classroom
20. Commit to active listening
21. Promote the school and district mission and vision statements
22. Commit to becoming an active part of the students' home community
23. Set rigorous and objective academic goals for students to strive for
24. Commit to professional development on a yearly basis
25. Communicate proactively and professionally about student grades and behavior with other staff, individual students, and their families
26. Support the school's culture and practices through extracurricular and co-curricular activities and staff leadership
27. Conduct all work activities in a professional manner

Instructional Monitoring of Student Performance: The teacher...

1. maintains clear, firm and reasonable work standards and due dates;
2. circulates during class work to check all students' performance;
3. routinely uses oral, written and other work products to check student progress;
4. poses questions clearly and one at a time.

Instructional Feedback: The teacher...

1. provides feedback on the correctness or incorrectness of in-class work to encourage student growth;
2. regularly provides prompt feedback on assigned out-of-class work;
3. affirms a correct oral response appropriately, and moves on;
4. provides sustaining feedback after an incorrect response or no response by probing, repeating the question, giving a clue, or allowing more time.

All feedback is done with positive intentions toward students.

Facilitating Instruction: The teacher...

1. has an instructional plan which is compatible with the school and system-wide curricular goals;
2. uses diagnostic information obtained from tests and other assessment procedures to develop and revise objectives and/or tasks;
3. maintains accurate records to document student performance;
4. has an instructional plan that matches/aligns objectives, learning strategies, assessment and student needs at the appropriate level of difficulty.

Interacting Within the Educational Environment: The teacher...

1. treats all students in a fair and equitable manner;
2. interacts effectively with students, co-workers, parents, and community.

Additional Job Functions: Performs other related work as required. **Knowledge, Skills and Abilities:**

- Valid Washington State Teaching Certificate in good standing, endorsement covering 5-12 Science.
- Knowledge of Common Core Standards and SBAC Claims and Targets
- Ability to constantly monitor the safety and well-being of students, particularly when a student is participating in an inclusive activity
- Ability to motivate students
- Ability to maintain a clean and orderly environment
- Ability to perform general clerical duties
- Ability to maintain order and discipline in a classroom
- Ability to operate common office machines
- Ability to maintain basic files and records

Ability to understand Duties and Responsibilities

- Follow oral and written instructions
- Ability to establish and maintain effective working relationships as necessitated by work assignments

Salary: Wilson Creek School District follows the state salary schedule. Salary dependent on experience and education.

Benefits: The Wilson Creek Education Association Contract provides a \$1,500 signing bonus, 6 extra Time and Responsibility days, as well as, paid vision and Lifelight. On our website, click the “Employment” then “Certificated Teacher Contract” tabs for additional benefit details.

Application: Please submit the following:

- Letter of interest
 - Completed application packet (available on our website at www.wilsoncreek.org)
 - Official transcripts
 - At least three (3) references qualified to assess your past work history
- Inquiries may be directed to 509-345-2541 or email jobs@wilsoncreek.org

Please submit all application materials to:

**Wilson Creek School District
PO Box 46
400 Navar Street
Wilson Creek, WA 98860**

***Disclaimer:** The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees to this job.*

Wilson Creek School District – An Equal Opportunity Employer

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