



WALL TOWNSHIP PUBLIC SCHOOLS

Title: Elementary STEM Teacher

Qualifications:

1. New Jersey Technology Education Certification
2. Experience with inquiry-based learning and hands on STEM activities
3. Knowledge of technology tools such as coding platforms (Scratch, Tynker) and robotic (Lego Mindstorms, Ozobots)
4. Familiarity with engineering design principles and problem solving strategies.

Reports to: Respective Principal(s) and/or Assistant Superintendent of Curriculum and Instruction

Job Goal: Instructs assigned students in designated subject matter in accordance with the curriculum approved by the Board of Education within the scope of the resources-including books, materials, equipment, schedule, and supervision provided by the school district.

Performance Responsibilities:

1. Introduce fundamental STEM concepts in an engaging and age-appropriate way.
2. Inspire students to ask questions, experiment, and develop a love for learning.
3. Teach students to think critically, analyze information, and find creative solutions.
4. Use experiments, projects, and real-world applications to engage learners.
5. Encourage teamwork through group activities and engineering challenges.
6. Introduce coding, robotics, and digital tools to enhance learning.
7. Show how STEM is relevant to the world around them, inspiring future careers in these fields.
8. Perform other duties as may be assigned by the Assistant Superintendent of Instruction and Curriculum.

Planning and Preparation:

1. Maintain lesson plans under the Board approved model for teaching and learning;
2. Develop lesson plans and instructional materials that provide appropriate instructional strategies in order to adapt the instruction to the needs of each pupil.
3. Set specific objectives in lesson preparation and weekly lesson plans and effectively instruct in a way to achieve these objectives.
4. Plan class activities and lesson presentations that are age appropriate and meet the individual needs, interests and ability levels of all students.
5. Participate with other staff members in planning during designated times.
6. Incorporate into planning, all requirements in a student's IEP provided through the district's child study team and as required in a student's Individual Education Plan (IEP).

Instruction and Assessment:

1. Provide quality instruction in accordance with Board approved curriculum;
2. Utilize Board adopted curricula, textbooks, technology resources, and other appropriate learning activities to achieve state and district standards for students.



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3. Monitor pupil academic progress and personal growth toward appropriate objectives.
4. Maintain records of pupil's educational progress and summarizes these grades for reporting purposes.
5. Identify pupil needs and provide appropriate, engaging instruction.
6. Establish and maintain standards of pupil behavior needed to achieve a classroom climate that is conducive to learning.
7. Utilize class time effectively, supervising pupils in assigned activities.
8. Design assessments that inform ongoing instruction.
9. Employ differentiated instruction techniques, as needed.
10. Implement required accommodations and services as required by pupils' individualized education programs.
11. Refer students to the appropriate support personnel using prescribed district procedures.

Classroom Environment:

1. Create a classroom environment that is conducive to learning and appropriate to the maturity and interests of the students.
2. Create an environment of respect and rapport, and establish a culture for learning.

Professional Responsibilities:

1. Strive to maintain and enhance professional competence and continuous improvement through professional workshops, conferences, and appropriate staff development programs in accordance with district guidelines.
2. Attend school and district meetings as required.
3. Complete all state mandated training and other professional development requirements annually.
4. Communicate with parents or guardians through conferences and other means to inform them about the academic and social/emotional expectations in relation to pupil growth.
5. Collaborate with other professional staff members to create an optimal learning environment for struggling learners.
6. Maintain confidentiality about students in accordance with State and Federal law, as well as district policy.
7. Uphold and enforce school rules, administrative regulations and Board of Education policies.
8. Perform other duties within the scope of employment and certification as may be assigned by supervisor or principal under authority of the Superintendent of Schools.

Terms of Employment: As set forth in the collective bargaining agreement between the Board and the WTEA

Evaluation: Annually in accordance with Board policy

Approved: April 29, 2025