
**FAIRFIELD PUBLIC SCHOOLS
FAIRFIELD, NJ**

CERTIFIED STAFF

TITLE: S.T.E.A.M. Innovation Teacher

Qualifications:

- Valid NJ Instructional Certificate and Elementary Education certification
- Demonstrated knowledge of effective teaching methods and developmentally appropriate classroom activities.
- Ability to maintain a positive learning environment.
- Strong interpersonal and communication skills.
- Required criminal history background check and proof of U.S. citizenship or legal resident alien status.

Reports To: Building Principal

Supervises: Pupils, and when assigned, student teachers and classroom aides.

Job Goal:

The Science, Technology, Engineering, Arts and Mathematics (S.T.E.A.M.) Innovation Teacher will administer and enhance an elementary school program and a class environment that is favorable to learning and personal growth. This educator must establish an effective rapport with students and motivate pupils to develop the skills and knowledge needed to provide a good foundation for learning in an elementary school setting, in accordance with each pupil's ability. The S.T.E.A.M. Innovation Teacher will work collaboratively with teachers in creating and supporting the integration of S.T.E.A.M. concepts in order to increase 21st Century Life and Careers skills for all students in grades K-6.

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Performance Responsibilities:

1. Assists the Data Analysis Coordinator/Mathematics Coach
2. Work with principals, subject matter specialists, and teachers to use test data to improve the content and delivery of the school curriculum.
3. In addition to teaching sections of mathematics, delivers High Enrichment Program instruction.
4. Delivers S.T.E.A.M.-oriented instruction in a relevant and innovative setting.
5. Creates and updates the S.T.E.A.M. curriculum.
6. Manages the materials and resources for S.T.E.A.M program and lab.
7. Promotes the integration of S.T.E.A.M. concepts through experiential learning opportunities including incorporating the 21st Century Life Skills and Career Readiness Skills of NJSLS.
8. Uses various technology platforms to promote learning, creativity, and collaboration.
9. Utilizes multiple instructional technologies to engage students and enhance instruction.
10. Fosters discovery and problem solving skills, along with an inquiry-based approach to learn through real-world hands on tasks.
11. Attends professional development and training related to S.T.E.A.M programs and methodologies, staying abreast of current research.
12. Follows the district's job description for elementary education teacher.
13. Organizes, develops, and coordinates special S.T.E.A.M. events/activities.
14. Management of S.T.E.A.M. Lab and schedule.
15. Maintains horizontal and vertical articulation with middle school and sending districts.
16. Meets with district S.T.E.A.M. teachers to maintain ongoing dialogue relevant to existing curriculum.
17. Any other duties as assigned by the Principal and Superintendent.

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Terms of Employment: Salary and work year to be determined by the Board of Education.

Evaluation:

Performance of this job will be evaluated in accordance with State law and the provisions of the Board's policy and evaluation of certified staff.

Approved 6.13.19