

ABSECON PUBLIC SCHOOLS

Job Description

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

QUALIFICATIONS:

1. Valid K-6 Elementary certificate and 5-8 Science and/or Math certificate
2. Preferred experience in enrichment and/or Gifted and Talented
3. Preferred experience in STEAM Education
4. Demonstrated ability related to incorporating educational technology in the classroom
5. Experience or familiarity with tools such as, but not limited to: 3D printing, Scratch coding, BASIC coding, app development, robotics, etc.
6. Effective problem-solving, human relations, and communication skills
7. Possesses a mindset of ongoing learning, experimentation, innovation, and enthusiasm
8. Required criminal history background check, pre-employment sexual misconduct/child abuse disclosure, and proof of United States citizenship or legal resident alien status.

REPORTS TO:

- ✓ Principal(s)/Director of Curriculum

JOB GOAL:

- ✓ To integrate STEAM (Science, Technology, Engineering, Art, & Math) concepts in collaboration with school staff in order to increase 21st Century Life and Careers skills for all students in grades K-8.

PERFORMANCE RESPONSIBILITIES:

1. Demonstrates the ability to model, deliver, and craft rich student-centered learning experiences around Science, Technology, Engineering, Art, & Math.
2. Is responsible for teaching and planning for middle school STEAM course as well as integrating STEAM concepts K-8.
3. Conducts in-service education for teachers in the effective integration of STEAM concepts into a project-based learning framework.
4. Plans hands-on classroom experiences with a class studying a particular topic at the request of the teacher.
5. Prepares and administers the STEAM budget.
6. Maintains the broadcast studio and coordinates student announcements and programs.
7. Explores grant and partnership opportunities for STEAM supplies, programs, and competitions.
8. Focuses on integration of critical thinking, creativity, innovation, and high complexity problem solving throughout the curriculum.
9. Develops Career Ready Practices as detailed in the NJ Student Learning Standards.
10. Maintain and schedule use of STEAM lab.

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Performance Responsibilities (continued):

11. Maintains professional competence and continuous improvement through in-service education and other professional development activities.
12. Performs other duties within the scope of employment and certification as may be assigned.

TERMS OF EMPLOYMENT:

- ✓ Ten (10) month work year.
- ✓ Salary as negotiated through the Absecon Education Association contract.

EVALUATION:

- ✓ Performance of this job will be evaluated three times annually as a non-tenured certificated staff member in accordance with the state law and the provisions of the Board's policy on evaluation of certified personnel.