

# DRACUT PUBLIC SCHOOLS

## JOB DESCRIPTION

**Title: STEAM Innovation Teacher**

### **Summary:**

The STEAM Innovation Teacher will administer and enhance a middle school STEAM program and a class environment that is favorable to learning and personal growth. This teacher must establish an effective rapport with student and motivate pupils to develop the skills and knowledge needed to provide a good foundation for middle school education, in accordance with each pupil's ability. The STEAM Innovation Teacher will work collaboratively with teachers in creating and supporting collaborative lessons, activities and opportunities for students to be exposed to STEAM related curricula.

### **Qualifications/Background:**

1. Massachusetts DESE Certification – Middle School Science preferred
2. Strong background in a STEM field
3. Proof of ongoing relevant professional or educational experience
4. Outstanding verbal and written communication skills
5. Computer/technology literacy

### **Duties and Responsibilities:**

1. Establishes a positive co-teaching environment while working with classroom teachers in the STEAM classrooms
2. Facilitates instruction within the STEAM classrooms and relevant innovation settings
3. Manages the materials and resources
4. Creates and teaches the assigned academic subject(s) to pupils in a classroom
5. Promotes the integration of STEAM (Science, Technology, Engineering, Arts, Mathematics) concepts through experiential learning opportunities.
6. Welcomes regional partners, foundation representatives, STEAM related businesses, and other visitors to the classroom to enhance our own STEAM program and share expertise with other educators
7. Develops lesson plans and instructional materials which provide individualized and small group instruction in order to adapt the curriculum to the needs of each pupil
8. Fosters an inquiry-based approach to learning through project-based, real-world tasks
9. Translates lesson plans into learning experiences so as to best utilize the available time for instruction
10. Collaborates with peers to write curricular units using the Understanding by Design framework and participates in associated training and professional development
11. Utilizes multiple instructional technologies to engage students and enhance instructional practices for students

12. Establishes and maintains standards of pupil behavior needed to achieve a functional, safe learning atmosphere in the classroom
13. Evaluates pupils' academic and social growth, keeps appropriate records, and prepares progress reports
14. Communicates with parents through conferences and other means to discuss pupil's progress and interpret the school program
15. Identifies pupil needs and cooperates with other professional staff members in assessing and helping pupils solve health, attitude, and learning problems
16. Creates an effective environment for learning through functional and attractive displays, bulletin boards, and interest centers
17. Maintains professional competences through self-selected professional growth activities.
18. Selects and requisitions books and instructional aids; maintains required inventory records
19. Utilizes data to make instructional decisions
20. Participates in curriculum development programs as required
21. Any other duties as assigned by the Principal

**REPORTS TO:**

Middle School Principal

**COMPENSATION:**

In accordance with the Dracut Teachers' Association Contract

**WORK YEAR:**

182-Day School Year