Title: High School Technology & Innovation Teacher

Location: 49 Cottage Place, Ridgewood, NJ 07450

Job Type: Full-Time (Experienced)

Days Needed: Full-Time Weekly

Job Description:

Teacher will plan, organize, and implement Design & Technology courses. Teacher will act as a lead in newly created innovation program that supports and promotes the use of digital technology within our new Makerspace. Position requires vast knowledge of the ever-converging worlds of science, technology, engineering, art, mathematics, and culture.

Key Responsibilities:

- Teach Design & Technology courses to our 9-12 grade students. Such courses take the core components of the maker movement and put them into action: collaboration, iteration, and application.
- Lead and assist in the delivery of lab-based technology workshops and establish an environment conducive to creative problem solving and critical thinking.
- Collaborate in the research and development of our new Makerspace facility and programs to implement new, creative content that bridges emerging technologies with the maker movement.
- Oversee equipment, supply inventory, and maintenance for the makerspace and woodshop.

Knowledge, Skills & Abilities:

- Ability to connect with students, fostering excitement about learning and making while incorporating their skills and interests into makerspace vision and strategy.
- In-depth understanding of the creative culture of the maker movement.
- Strong project management and time management skills, including the ability to manage multiple projects simultaneously.
- Understanding of current trends in educational technology for formal and informal education.
- Understanding of emerging comp, such as digital fabrication tools, Auto Desk, Arduino, and TinkerCad, as well as traditional design and crafting skill sets.
- Working knowledge of Google Docs and Google Classroom.
- Passion for tinkering, coding, designing, building and creating.
- Knowledge in 21st century tools and techniques, such as electronics, coding, and robotics.
- Strong comfort level with traditional wood shop tools and techniques.

Preferred Qualifications:

- Candidate should hold a certification in K-12 Technology Education (1810) and potentially hold an art, science, or math certification as well.
- Bachelor’s degree in art, engineering, industrial design, and/or education.
- Experience in creating a fun and engaging environment for students and various audiences.
- Experience in teaching in an informal or formal setting.
- Experience in curriculum development.
- Excellent communication, public speaking, and interpersonal skills.
Preferred Professional Experience

- High School teaching experience within the area of Design & Technology.
- Hands on experience within the areas of construction, engineering, electronics, design, technology, and/or fabrication.

Application Instructions:

To apply for this position, please go to http://www.ridgewood.k12.nj.us/ and click on the JOB OPPORTUNITIES link to complete the application process. Please do not mail, email, or bring resumes to the district HR office or any of our schools. Unsolicited paper documents will be discarded.

Selection Procedure:
Interview and Demonstration Lesson

The Ridgewood Public School District is an Equal Opportunity Employer.