

## **STEAM Innovation Lab Instructor (Part-Time) – Rochelle Zell Jewish High School (SY 22-23)**

### **Who We Are**

Located 25 miles northwest of downtown Chicago, Rochelle Zell Jewish High School is a private, co-educational high school. Our mission is to create a culture of academic excellence that inspires and prepares our students to think critically, achieve their full potential, and live Judaism as responsible and involved citizens in the modern world.

Rochelle Zell offers a college preparatory program that combines a rigorous general studies education with a comprehensive Jewish studies education. Small classes and individualized instruction help students find their own voice, solve problems creatively, cultivate respect for individual differences, and develop a deep dedication to learning. Rochelle Zell also offers strong athletic and fine arts programs, as well as numerous extracurricular activities and leadership opportunities. These opportunities pave the way for our students to matriculate into some of the best colleges and universities in the country and abroad.

Rochelle Zell opened its doors as Chicagoland Jewish High School (CJHS) in 2001 to 26 students and has continued to grow. Upon receiving a generous endowment from the Zell family, the school was renamed in honor of the Zell family matriarch, Rochelle Zell. Our current enrollment consists of 150 students drawn from over 20 communities in the Chicago area and beyond.

### **Who We're Seeking**

We are seeking a highly skilled, passionate STEAM teacher to teach one elective section of our STEAM Innovation Lab course twice a week. This is a unique opportunity to join a highly professional faculty at a school that offers a robust and rigorous dual curriculum in General and Jewish Studies. At minimum, qualified candidates must have earned a bachelor's degree and expert level knowledge of technology and 21st century learning understanding and application.

### **Duties and Responsibilities**

- Teachers report directly to their Department Chairs and work closely with Dean of Faculty and Academic Dean. Teachers are responsible for carrying out the following duties and responsibilities:
- Plan and deliver instruction based on clear, departmentally agreed upon course learning targets.
- Craft rich student-centered learning experiences around Science, Technology, Engineering, Arts, and Math.
- Demonstrate the ability to create and implement strategies for weaving STEAM experiences into multi-disciplinary curricula from grades 9 through 12.
- Demonstrate fundamental knowledge of the connection between technology, computer science, and other fields of study.

- Assess student understanding using a variety of formative and summative instruments aligned to course learning targets.
- Establish and maintain clear expectations for student conduct.
- Demonstrate professional judgment, ethical conduct, and appropriate language/behavior with colleagues, students, and families. Follows policies contained in the Rochelle Zell Jewish High School Faculty Handbook.

### **Preferred Qualifications**

- Deep knowledge of content standards, effective instructional strategies, and assessment driven instruction.
- Strong Google Apps for Education skills (Docs, Sheets, Slides, Sites, etc).
- Experience with teaching 3D printing and design, basic electronics, robotics, vinyl cutting, laser cutting to high school students.
- Experience (or familiarity with) tools such as, but not limited to: Tinkercad, OnShape, Fusion 360, SculptGL, Blender, Arduino, Raspberry Pi.
- Highly effective communication, listening, collaboration, and interpersonal skills.
- Effective written, verbal, and technology-based communication skills.

### **Contract Dates**

July 1, 2022 – June 30, 2023

### **Compensation**

Based on degree and experience.

Please send resumes to Jason Loeb, Academic Dean, at [jloeb@rzjhs.org](mailto:jloeb@rzjhs.org).