



K-6 INNOVATIVE LEARNING LAB TEACHER CASTLETON ELEMENTARY SCHOOL

POSITION DESCRIPTION:

Schodack Central School District is seeking a dynamic educator that has a passion for STEM education and a proven track record of innovation and collaboration. This position has been created to offer opportunities for students to integrate 21st Century learning skills, technology and Next Generation Math, ELA and Science Standards within a flexible lab/classroom environment. The Innovative Learning Lab Teacher will collaborate with K-6 classroom and special area teachers to enhance learning opportunities for students and support the development of STEM education at Castleton Elementary School.

DUTIES AND RESPONSIBILITIES:

- Delivers STEM-oriented instruction through project-based learning methods
- Collaborates with classroom teachers to support and enrich curriculum
- Ensures that the Innovative Learning Lab program is aligned with NYS CCLS, NGSS & ISTE
- Develops curriculum and activities that are student-centered and aligned with academic standards
- Incorporates a variety of instructional techniques, instructional media, and performance assessments to guide the learning process toward curriculum goals and student learning
- Experience (or familiarity with) tools such as, but not limited to: 3D printing, autocad, laser cutting, vinyl cutting, Arduino, Makey-Makey, Coding applications, Ozobots, BeeBots
- Uses technology to enhance learning, creativity, and collaboration
- Attends professional development and training related to STEM programs and methodologies
- Initiates new programs that support STEM learning in the classroom and lab
- Works with school administrators and staff in the development, implementation, and evaluation of STEM initiatives and curriculum
- Organizes, develops, and coordinates special STEM events/activities
- Builds relationships and communicates effectively with students, parents, and colleagues
- Utilizes social media platforms effectively to promote student learning experiences
- Oversees the Learning Lab to plan, budget and manage materials and supplies
- Completes other duties as assigned

QUALIFICATIONS:

- Current NYS Elementary Teacher Certification
- Educational Technology Specialists Preferred
- Experience/Concentration in Science and/or Math Preferred