



**Position Title:** Middle School STEAM & Technology Teacher  
**Reports To:** Head of Middle School

**Position Purpose:** The MS STEAM and Technology Teacher designs and implements engaging, hands-on lessons to foster critical thinking, creativity and problem-solving skills while integrating interdisciplinary connections for students in grades 5-8.

### Key Responsibilities

- Develop and deliver interactive STEAM and technology-based lessons aligned with ISTE and other STEAM-related curriculum standards.
- Assists students with basic technology skills, troubleshooting and using digital tools.
- Integrate project-based learning, coding, robotics, engineering design and digital literacy into instruction.
- Utilize a variety of instructional strategies and emerging technologies to engage diverse learners.
- Fosters a positive and inclusive learning atmosphere that encourages curiosity, exploration and teamwork.
- Foster a collaborative and inquiry-driven classroom environment.
- Assess and evaluate student progress through various formative and summative evaluations.
- Maintain and manage classroom technology, including software, hardware and robotics equipment.
- Collaborate with grade-level teams to integrate STEAM concepts across disciplines and support interdisciplinary learning.
- Stay current with educational technology trends and best practices.
- Offer engaging STEAM-related elective courses, such as coding, robotics, game design or digital media.
- Guide students in STEAM competitions, coding clubs or technology-based extracurricular activities.
- Serve as an advisor to a group of Middle School students and supervise daily Study Hall.
- Assist with opening-of-school functions, pre-planning week, Back to School nights, and complete all assigned tasks from Head of Middle School.
- Actively support school functions, such as athletic events, co-curricular events, and field experiences
- Attend weekly faculty meetings, grade-level meetings and serve on faculty committees as needed.
- Meet responsibilities and deadlines in the classroom and of the school (e.g., fall and spring parent conferences, accurate and timely report writing, weekly grade level team meetings)
- Communicate with parents: return phone calls, emails, and notes in a timely manner.
- Provide extra help to students before or after school and/or study halls when necessary.

- Prepare course materials such as syllabi, homework assignments and handouts.
- Maintain student attendance records, grades, and other required records.

### **Requirements**

- Bachelor's degree in STEAM education, Computer Science, Engineering or a related field (Master's preferred).
- Deep knowledge of content standards, effective instructional strategies and assessment-driven instruction.
- Strong Google Apps for Education skills (Docs, Sheets, Slides, Sites, etc.)
- Experience (or familiarity with) tools such as, but not limited to: 3D printing, TinkerCAD, laser cutting, vinyl cutting, Arduino, Makey-Makey, Sphero, etc.
- Familiarity with Python preferred
- Strong communication and classroom management skills.
- Passion for fostering innovation and curiosity in young learners.

### **Physical Requirements and Work Environment**

- Works in a highly involved and busy environment dealing with a wide variety of challenges, deadlines, and a varied and diverse array of contacts.
- May work at a desk and computer for extended periods of time.
- Be able to occasionally lift up to 20 lbs.
- Work primarily in a traditional climate-controlled classroom environment.
- Work intermittently in outside weather conditions, including extreme heat and cold.

**Interested candidates should send a resume/application to Ms. Kris Grant, Head of Middle School: [kgrant@shorecrest.org](mailto:kgrant@shorecrest.org).**