

Job Description: STEAM Integration Specialist (Whole School)

JOB PURPOSE:

The STEAM Integration Specialist is responsible for developing, designing, and integrating a whole school STEAM curriculum that empowers learners to solve authentic problems in innovative ways. In line with our school's vision, transfer learning goals, and other [purpose statements](#), the STEAM Integration Specialist will assist in other school programs as required by Board of Trustees policy, contractual obligations, and other responsibilities as determined by the supervisor.

DUTIES & RESPONSIBILITIES:

- Lead the development, design, teaching, and integration of STEAM learning experiences schoolwide.
- Co-construct and teach Secondary School design electives.
- Coach and support faculty with the integration of STEAM into the existing curriculum/learning experiences as well as the creation of new curriculum and learning experiences.
- Support students in developing a passion for STEAM (ex: design/technology, robotics, programming, engineering, coding, etc.)
- Model and promote the safe, legal, and ethical use of digital tools and resources.
- Identify, evaluate, and use appropriate resources to develop an innovative STEAM learning environment.
- Design and deliver teacher professional development workshops, ongoing embedded professional development, and parent and community education related to STEAM programming.
- Effectively apply the most up-to-date, research-based strategies to address the needs of diverse learners.
- Collaborate positively with all members of the school community (students, colleagues, parents, leaders).
- Meet the learning needs of learners with diverse language backgrounds.
- Model the skills and attitudes of global citizenship, antiracism, and intercultural sensitivity.
- Support and promote the school's shared understanding of high-quality learning, mission, and learning goals.
- Work cooperatively within a collaborative team and with leadership in curriculum design, assessment, and implementation.
- Work cooperatively with parents to create strong partnerships.
- Attend school-sponsored events & activities.
- Participate in the after-school activities program.
- Perform additional duties as assigned by the supervisor.

EVALUATION:

The Teacher's performance shall be evaluated by the supervisor based on the ISK appraisal program as well as this job description.

QUALIFICATIONS DESIRED:

- Degree in Education and/or area of instruction from an accredited institution. Bachelor's Degree minimum, Master's Degree preferred.

- At least 4 years of successful teaching experience in a PreK - 12 school setting, international school experience preferred.
- Valid teacher certification from the country of training.
- English Language Proficiency.
- Experience in program development and teaching STEAM / Design & Technology courses.
- Strong understanding of Design, including application of one or more Design Cycle frameworks (MYP Design Cycle, Stanford d.school Design Thinking, etc.)
- Demonstrated understanding of ISTE Teacher and Student Standards and technology integration frameworks.
- Demonstrated engagement in relevant professional learning communities/networks.
- Excellent interpersonal skills and the ability to work collaboratively with teachers, students, parents, and staff.