



FRENCH AMERICAN INTERNATIONAL SCHOOL

Position Description

Job Title: STEAM Specialist

Date Revised: October 2021

FTE: 1.0; **Classification:**

Reports To: Lower School Division Head

Job Summary: The STEAM Specialist is responsible for partnering with teachers in sustaining a transdisciplinary approach to teaching and learning. Subject areas have a place in the curriculum to ensure proper scope and sequence throughout the year, but in the minds of children, they will provide perspective on how they see and interact with the world. The STEAM Specialist will curate learning engagements with teachers and co-teach these in the Makerspaces around campus, in homeroom classrooms, or by using our outdoor learning environments.

Essential Responsibilities:

Curriculum

- Analyze and understand the different curricula to co-develop transdisciplinary lessons with faculty.
- Review and articulate learning outcomes at different grade levels with the support of cycle coordinators and the PYP coordinator to cover Science standards especially.

Collaboration

- Work in close collaboration with homeroom teachers to develop learning engagements through a transdisciplinary lens.
- Enhance the conceptual nature of the curriculum in collaboration with the classroom teachers and the PYP coordinator.
- Collaborate with teachers to brainstorm possible formative and summative assessments linked to the learning engagements they co-teach.
- Collaborate with teachers on enhancing the Science curriculum in conjunction with the PYP programme of inquiry or through stand-alone units.

Teaching and Learning

- Co-teach lessons with classroom teachers either in the maker space, classroom, or other outdoor learning environments.
- Provide a dynamic learning environment for students.

Makerspaces

- Guarantee a safe working and learning environment for students in the makerspaces.
- Assess, recommend and acquire resources conducive to design and creation based on the PYP programme of inquiry and Science stand alone units.
- Stock and resource the makerspace with all necessary materials to guarantee students can engage in hands-on learning.

Physical Requirements

- Mobility sufficient to move about the campus frequently in all weather conditions, includes climbing stairs, ability to stand for moderate periods
- Sight and hearing adequate to perform the duties of the job, ability to communicate clearly in both written and verbal formats
- Primarily classroom and office environment, some sitting at a computer and keyboarding.
- Ability to lift and carry up to 10 pounds on a frequent basis



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Non-pedagogical responsibilities

- Supervision duties as needed

Required Qualifications:

- Bachelor's or Master's degree in education, Science, technology, STEAM, or the equivalent.
- Teacher certification K-5 or equivalent
- Experience working with children in learning environments
- Native French speaker or C2 French level of fluency

Preferred Qualifications

- Three years experience in immersion school teaching
- Familiarity working in a school/educational environment
- French teaching certification from Education Nationale

Skills relevant to the position:

- Management: Detail-oriented, organized, analytical, and solution-oriented
- Communication: Effective written and verbal skills for a professional school environment
- Collaboration: Team player to build on school goals and able to self-monitor and work independently
- Work ethic: Commitment to the FAIS mission, core values and guiding principles
- Development: Commitment to staying current with new technology, school sponsored or individual

Supervises: None

Approved by _____ Date _____

Note: Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time.