

Science, Technology, Engineering, Art, and Mathematics (STEAM) + is a group within Queen's Faculty of Education that brings together different subject disciplines to solve global issues in line with the United Nations' Sustainable Development Goals. Our focus areas include climate, the environment, equity, diversity, and Indigenous knowledge, all aimed at making the world better.

STEAM+ is excited to offer an opportunity for members to access funding for their projects. Projects can be connected to research, teaching, or community initiatives (please see below for eligible projects).

STEAM + Project Grants objectives are:

- Addressing issues in STEAM (Science, Technology, Engineering, Art, and Math) education
- Addresses one or more of the following focus areas: climate, the environment, social justice, equity, diversity, and Indigenous knowledge

Project Grants \$1,000-\$5,000 are for Full members and Associate members and can be awarded the grant once a year as an applicant (lead or otherwise) on this grant. Applications will be open every two months. The first deadline is January 8, 2024. Other deadlines are March 1, May 1, July 1, and September 1.

Below is a list of eligible initiatives A-C:

- **A. Research:** Drive research in STEAM education. This funding supports research initiatives in the Faculty of Education.
- **B. Curriculum and Resource Development:**
 - **Curriculum Development:** Enhance educational experiences by creating innovative and inclusive curriculum materials. Aligning with STEAM+, this project aims to develop engaging lessons that integrate sustainability and promote diversity, equity, and inclusion.
 - **Development of Teaching Resources:** Funding should help to develop teaching materials, ranging from digital content to hands-on activities.
- **C. Engagement Initiatives:**
 - **Knowledge Translation/Mobilization:** Bridge the gap between research and practice by translating knowledge into actionable insights. This funding should focus on disseminating research findings to educators, policymakers, and the community, fostering a collaborative approach to implementing sustainable and inclusive STEAM+ education.
 - **Workshops and conferences (for TCs, graduate students, researchers, community, etc.):** Empower educators, graduate students, and community members with targeted workshops. Funding can support sessions that provide valuable insights into effective teaching strategies, inclusivity, and sustainability, fostering a network of skilled and motivated individuals dedicated to advancing STEAM+ education.
 - **Community Outreach:** Extend the impact of STEAM + education beyond traditional settings. This project aims to engage with local communities through outreach programs, promoting awareness, and creating opportunities for participation in STEAM + activities that reflect sustainability and diversity.

Research

STEAM + Project Grant Evaluation				
	Exceeds - 4	Meets - 3	Approaching - 2	Does not meet - 1
Alignment with the STEAM + Mission	The Research project aligns with the STEAM + grant objectives and eligible initiatives. The elements of STEAM+ are integrated in interdisciplinary manner.	The Research project aligns with the STEAM + grant objectives and eligible initiatives.	The Research project identifies the alignments with the STEAM + grant objectives and eligible initiatives, but the explanation of the alignment is not complete or is missing.	The Research project is not aligned with STEAM + grant objectives and eligible initiatives.
Background and the Description	The Research project background and description is complete and the explanation of the research methods, data collection and/or data analysis is completely articulated. The research methods are innovative.	The Research project background and description is complete and the explanation of the research methods, data collection and/or data analysis is completely articulated.	The Research project background and description is present, but the explanation of the research methods, data collection and/or analysis is not fully articulated.	The Research project background and description are incomplete or missing. The research methods, data collection, and/or data analysis are not present or inappropriate for this grant.
Project Goal & Objectives	The Research project goal and objectives are strong, clear and extremely well stated and include educationally appropriate activities for targeted students or teachers.	The Research project goals and objectives are clearly defined and include educationally appropriate activities for targeted students or teachers.	The Research project goals and objectives are present, but the explanation is not fully articulated.	The Research project goals and objectives are incomplete and do NOT include research appropriate activities
Timeline & Milestones	The submission for the Research project is presented with a well-structured and realistic timeline for the research project, outlining clear objectives, associated activities, and corresponding dates.	The proposed timeline for the Research project effectively maps out the research project, encompassing specific objectives, corresponding activities, and well-defined dates.	While the submission includes a schedule for the research project, there is a lack of detailed information regarding specific activities, dates, and times.	The timeline for the Research project suggested by the submission appears unrealistic or unsuitable for the research project at hand.
Budget	The submission includes a comprehensive and realistic budget for the research project, demonstrating a clear	The budget aligns appropriately with the needs and scope of the grant research project, reflecting a reasonable allocation of resources.	The submission presented a budget for the research project, showcasing an understanding of the financial	While the submission provided a budget for the research project, certain items may be deemed inappropriate or unreasonable

	understanding of the funding requirements.		aspects associated with the proposed study.	in the context of this specific grant project.
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Curriculum & Resource Development

STEAM + Project Grant Evaluation				
	Exceeds - 4	Meets - 3	Approaching - 2	Does not meet - 1
Alignment with the STEAM + Mission	The Curriculum & Resource Development project aligns with the STEAM + grant objectives and eligible initiatives. The elements of STEAM+ are integrated in interdisciplinary manner.	The Curriculum & Resources Development project aligns with the STEAM + grant objectives and eligible initiatives.	The Curriculum & Resource Development project identifies the alignments with the STEAM + grant objectives and eligible initiatives, but the explanation of the alignment is not complete or is missing.	The Curriculum Development project is not aligned with STEAM + grant objectives and eligible initiatives.
Background and the Description	The background and description of Curriculum Development & Resources Development is completely articulated. The Curriculum & Resource Development are innovative.	The background and description of the Curriculum & Resource Development is complete and is fully articulated.	The Curriculum & Resource Development background and description is present, but the explanation of the curriculum & resources development is not fully articulated.	The Curriculum & Resource Development background and description are incomplete or missing.
Project Goal & Objectives	The Curriculum Development & Resource project goals are present, explanation is fully articulated. The goals and objectives of the Curriculum Development & Resources are exceptional in terms of the impact.	The Curriculum & Resource Development objectives are present, but the explanation is fully articulated.	The Curriculum & Resource Development project goals and objectives are present, but the explanation is not fully articulated.	The Curriculum Development and objectives are incomplete and do NOT include Curriculum & Resource Development activities.
Timeline & Milestones	The Curriculum & Resource Development timeline and milestone for the project is presented with a well-structured and realistic, outlining clear objectives, associated activities, and corresponding dates.	The proposed timeline for the Curriculum & Resource Development effectively maps out the project, encompassing specific objectives, corresponding activities, and well-defined dates.	While the submission includes a schedule for Curriculum & Resource Development project but there is a lack of detailed information regarding specific activities, dates, and times.	The timeline for the Curriculum & Resources Development project timeline and milestones suggested by the submission appears unrealistic or unsuitable for the project at hand.

Budget	The submission includes a comprehensive and realistic budget for the Curriculum Development & Resource project, demonstrating a clear understanding of the funding requirements.	The budget for the Curriculum Development & Resource project aligns appropriately with the needs and scope of the grant project, reflecting a reasonable allocation of resources.	The submission presented a budget for the Curriculum Development & Resource project, showcasing an understanding of the financial aspects associated with the proposed study.	While the submission provided a budget for the Curriculum Development & Resource project, certain items may be deemed inappropriate or unreasonable in the context of this specific grant project.

Engagement Initiatives

STEAM + Project Grant Evaluation				
	Exceeds - 4	Meets - 3	Approaching - 2	Does not meet - 1
Alignment with the STEAM + Mission	The engagement initiative aligns with the STEAM + grant objectives and eligible initiatives. The elements of STEAM+ are integrated in interdisciplinary manner.	The engagement initiative aligns with the STEAM + grant objectives and eligible initiatives.	The engagement initiative aligns with the STEAM + grant objectives and eligible initiatives, but the explanation of the alignment is not complete or is missing.	The engagement initiative is not aligned with STEAM + grant objectives and eligible initiatives.
Background and the Description	The engagement initiative project background and description are complete and the explanation and articulated. The engagement initiative is innovative.	The engagement initiative project background and description are complete and articulated.	The engagement initiative project background and description are present, but it is not fully articulated.	The engagement initiative project background and description are incomplete or missing. It is inappropriate for this grant.
Project Goal & Objectives	The engagement initiative project goal and objectives are strong, clear and extremely well stated and include educationally appropriate activities for targeted students or teachers.	The engagement initiative project goals and objectives are clearly defined and include educationally appropriate activities for targeted students or teachers.	The engagement initiative project goals and objectives are present, but the explanation is not fully articulated.	The engagement initiative project goals and objectives are incomplete and do NOT include engagement initiative
Timeline & Milestones	The proposed engagement initiative timeline and milestone for the project is presented with a well-structured and realistic, outlining clear objectives, associated activities, and corresponding dates.	The proposed timeline for the engagement initiative effectively maps out the project, encompassing specific objectives, corresponding activities, and well-defined dates.	While the submission for the engagement initiative project offers a workable program event schedule, there is a lack of detailed information regarding specific activities, dates, and times.	The timeline for the engagement initiative project suggested by the submission appears unrealistic or unsuitable for the project.

Budget	The submission includes a comprehensive and realistic budget for the engagement initiative project, demonstrating a clear understanding of the funding requirements.	The budget for the engagement initiative project aligns appropriately with the needs and scope of the grant project, reflecting a reasonable allocation of resources.	The submission presented a budget for the engagement initiative project, showcasing an understanding of the financial aspects associated with the proposed study.	While the submission provided a budget for the engagement initiative project, certain items may be deemed inappropriate or unreasonable in the context of this specific grant project.
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