



MINNESOTA
INDEPENDENT
SCHOOL FORUM

2018-19 STEM Grant Application

INNOVATION GRANT APPLICATION

Please answer the following questions about your project. Grant application guidelines are available at <http://misf.org/stem-grants/>. For your reference, you may view the scoring rubric used by the grant review committee at that same link.

* 6. ADDITIONAL TEACHER INFORMATION. Innovation grants require a team of at least two teachers. Please enter information below for a second member of the project team.

Teacher name:

Teacher email:

Teacher phone:

Grade(s)/subject(s)
taught:

7. ADDITIONAL PROJECT TEAM TEACHER INFORMATION. If your project team includes more than two teachers, please include their names, email addresses, grade(s)/subject(s) taught, and roles in grant project in the space provided.

8. Is this INNOVATION GRANT proposal for a collaborative project between two or more schools?

If you answered yes, please enter the SCHOOL NAME, SCHOOL HEAD NAME, and SCHOOL HEAD EMAIL ADDRESS for the other schools that are part of the collaboration.



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- * 9. PROJECT DESCRIPTION: Please provide an overview of your project for which you are seeking an Innovation Grant. What do you hope to accomplish? What need does it address or opportunity will it provide for your school? How will it make a difference for STEM education at your school? [If funded, your project description will be published on the MISF website.] [200 words maximum]

10. The funders of MISF's STEM Grant Program are interested in learning more about how STEM Grants support students from groups that have traditionally experienced achievement, access and/or opportunity gaps in STEM. This may include, for example: girls, students of color, low-income students, English language learners, students with learning differences, and students attending school in rural locations. As applicable, please share any information how your proposed program includes and provides opportunities for these audiences.

* 11. ACADEMIC STANDARDS & INSTRUCTIONAL PRACTICES [300 words maximum]

- What academic standards are relevant to the proposed project?
- What STEM skills and practices will it help students to develop (please give specific examples)?
- How will your project integrate multiple disciplines?
- What technology will your project utilize, and how is it appropriate to the project?

* 12. OUTCOMES & ASSESSMENT [300 words maximum]

- What will students learn as a result of this project (please list 1-2 student outcomes)?
- What will students be able to do as a result of this project (please list 1-2 student outcomes)?
- How do you plan to assess the learning outcome(s) for students articulated above?
- How will formative assessment be used by teachers to inform their teaching practice and to make improvements to the learning experience?

* 13. CONNECTIONS OUTSIDE THE CLASSROOM [300 words maximum]

- How does this project help students make authentic connections to STEM, for example through topics that are of interest and relevance in terms of personal, community and/or global perspectives?
- How does this project help students—in ways appropriate to their age and grade—understand what scientists and engineers do and/or explore career and post-secondary educational opportunities? [Note: it is expected that high school projects will address STEM careers and post-secondary education in some way.]
- List your community partner(s) who have provided letter(s) support and describe how they will help students to connect with people and organizations outside of the classroom.

* 14. PLANNING & IMPLEMENTATION [300 words maximum]

- Describe how you plan to use grant funds, including curriculum/materials/equipment you plan to purchase and how the grant would support teacher planning and professional development.
- Provide a work plan that shows how you will create and implement the project, including a timeline for planning, implementation, assessment and evaluation.
- Identify new knowledge and skills needed by teachers and delineates plans to acquire them.

* 15. SUSTAINABILITY [100 words maximum]

How will this grant help your school build capacity and sustain this project for years to come? How will you identify accomplishments and challenges associated with this project to help ensure future success?

16. If desired, you may upload one file that directly supports your application, such as image(s) or diagram(s). Please reference this file in your application narrative.

Choose File

No file chosen

* 17. Upload your required letter of support from a community partner.

Choose File

No file chosen

18. (Optional) If you would like to submit a second letter of support from a community partner, you may upload it here.

Choose File

No file chosen

Thank you for completing your STEM Innovation Grant application!

By clicking "NEXT" below, you will submit your application.

Please contact Beth Murphy at bmurphy@misf.org

or at 612-270-0194 with any questions or comments.