



South Dakota Science Teaching Association Industrial Arts and Ag Grants

The South Dakota Science Teaching Association (SDSTA) invites applications from South Dakota teachers for the SDSTA Industrial Arts and Ag Grants. The award seeks to encourage professional growth and involvement of those K-12 educators who teach STEM in South Dakota through school Industrial Arts and Agriculture classroom.

Available Funds

SDSTA has a maximum of \$1,000 available for grants to assist in the cover of costs to attend the SD STEM ED Conference for 4 to 5 educators.

Purpose

One of the cornerstones of STEM education is the integration of a wide variety of disciplines to provide tools for students to explore real questions and phenomena. There is no better place to find relevant phenomena than our Agriculture and Industrial Arts programs where students often take on complex science and engineering projects to solve real world problems and challenges.

The **SDSTA Industrial Arts and Ag Grants** were established and funded by the South Dakota Well Drillers Association to create a bridge between all STEM educators across the curriculum and to explore partnerships that can provide opportunities for students to investigate real world and real life phenomena with depth and rigor that will help prepare them for 21st century careers. Career and Technical Education courses utilizing STEM foundations and concepts will provide an experience for our students that will support them in a diverse variety of continuing education and career opportunities. The Annual SD STEM Ed Conference offers an opportunity for all K-12 teachers of STEM to grow professionally by learning and sharing best practices. This is an opportunity to network and learn from each other and to connect with mentors and local, state, and national leaders.

Scope of Program

Funds may be used to assist with the cost of attending the Annual SD STEM Ed Conference.

- Grant to attend the Annual SD STEM Ed Conference
A minimum of \$100 and a maximum of \$250 may be requested to cover the costs of attending the conference. Acceptable costs include the cost of a substitute (not to exceed \$100), motel room (1 or 2 nights), the Friday Night Banquet, conference registration, and travel. If you receive this grant, you are required to share what you learned with your school district.



Eligibility

Applicants must be:

- K-12 teachers of STEM who have not previously attended the South Dakota STEM Ed Conference or it has been 5 years or greater since you last attended.
- K-12 teachers who teach STEM and/or intentionally integrate STEM into other content areas such as Industrial Arts and Agriculture Programs.

Other Criteria

In addition to meeting the eligibility criteria, the applicant must also:

- (A) Share what you learned at the SD STEM Ed Conference with your local district.
- (B) Share a STEM classroom project or lesson at the Annual SD STEM Ed Conference within two years of accepting the award through a presentation or as part of a poster session. Upon request, a mentor/co-presenter will be available.
- (C) Share a report (in person, virtual or multimedia) of what you learned at the SD STEM Ed Conference and how it affected your students, your classroom, and your district to the SD Well Drillers Association Annual meeting.

Application Process:

- Complete the Google form.

Application Submission Guidelines and Deadline

- Applications are due by December 1.
- Awardees will be notified by December 15.