

American Crystal Sugar Company STEM Grant Competition



American Crystal Sugar Company is inviting applications for grants from elementary, middle school and high school educators in the Red River Valley in the areas of science, technology, engineering, and mathematics, or STEM. Special consideration will be given to projects that focus on STEM applications in agriculture. A total of \$25,000 in grants will be awarded, with a maximum grant of \$5,000 awarded for an individual program. Other grant awards range from \$500 to \$1,000. Educators should specify the dollars requested for their project in the application.

STEM Grant applications will be accepted starting July 1 with a deadline of September 30.

Criteria for successful applications are listed below:

- Projects actively seek to develop student skills in creativity, critical thinking, communication, and collaboration.
- Educators define baseline data related to student understanding of the concept to be learned, and document learning through pre- and post-tests (or authentic measurements). Data should be collected, summarized, and key outcomes highlighted.
- Specific equipment requirements or other expenditures must be detailed. If lab or computer hardware is part of the proposal, educators must document how this equipment will be utilized after completion of the project.
- The number of students involved, with in- and out-of-class time estimates, must be provided.
- Relevant, prior experience of the educator, or similar previous projects, must be notated in the grant application.
- Written, graphic, and video documentation of the process and results must be gathered and made available to the grantor upon project completion within a specified time frame.

A rubric to guide award of grants will be calculated based on the following formula:

<u>Criterion</u>	<u>Value</u>
Educational rationale	10 points
Number of students or total student hours	10 points
Quality of post-project data provided	10 points
Replication of project after first delivery	<u>10 points</u>
Total	40 points

<p>Submit completed STEM grant application to:</p>	<p>Stem Grant Competition American Crystal Sugar Company Attn: Public Relations 101 North Third Street Moorhead, MN 56560</p>
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**American Crystal Sugar Company
STEM Grant Competition
Grant Application**



Describe the pedagogy and desired outcome of your project:

Describe in narrative detail the specific use, and total amount of funds requested:
(Excel spreadsheet is encouraged, but not required)

Describe how data will be gathered and used to demonstrate the learning outcome:

What aspects/components of this project will excite your students about STEM?

Provide a specific timeline for your project, including its completion date: