



STEM Alliance

The STEM Alliance is a collaborative effort of the Moorhead, Fargo, West Fargo and surrounding communities to provide unique STEM related opportunities to area students.

We collectively support STEM education and STEM related activities. We provide financial contributions, mentorship opportunities, and use of equipment and facilities.



With the support of area businesses, the STEM Alliance works closely with area schools to attract students to STEM activities.



Programs Include:

- All FIRST Programs
 - First Robotics Competition
 - First Tech Challenge
 - First Lego League
- Collegiate Robotics
- STEM Classes & Camps





Our Story



In 2018 the robotics communities of Moorhead, Fargo, and West Fargo collaborated to find a space where they could work and share resources with one another. This group came to be known as the STEM Alliance. Students from the Fargo-Moorhead were able to explore their interest in STEM and form friendships with other like-minded students. The Alliance also provided the opportunity for older students to help mentor younger students in STEM related activities such as FIRST Lego League.

In 2021 Stem Alliance acquired 501(c)(3) status. Our mission is to partner with area schools and businesses to provide unique opportunities to area students in a variety of STEM activities. The goal of the STEM Alliance is to encourage area youth to pursue careers in STEM. Many of our past participants have gone on to pursue college degrees in STEM fields and to work for companies using the skills we helped foster.

Last year the STEM Alliance hosted the first Fargo STEM Expo. This event was held during the Fargo AirSho and provided students with the opportunity to show off the different projects they had been working on. This included live demonstrations from area robotics teams. NDSU, UND and ND Space Grant were in attendance as well. This was the start of a yearly event that will be held in the Fargo-Moorhead area.

The STEM Alliance depends on donations to be able to continue our mission. These funds allow us to provide STEM programming through day camps, after-school and summer programs, and competitive robotics teams. The STEM Alliance also provides need-based scholarships and one-time grants to educators wanting to expand STEM opportunities in the metro area.

Supported By:



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2022 Fundraising Undertaking



This 2022 season the STEM Alliance is working on growing STEM Education to prepare our students to enter the workforce. To do this we are supporting more teams, holding more events, hosting more camps, working on new projects, and holding meet ups. These endeavors come with the need to raise funds. Some of our funding needs include:

STEM Expo - \$10,000

The STEM Expo is a yearly event hosted by the STEM Alliance. This event showcases some of the many different STEM activities, groups, teams and businesses in the Red River Valley area. The 2022 event will be held August 20th. This year the Expo will include the STEM Expo Robotics Championship!

Robotics Team Funding - \$500-\$5,000 per team

We help support teams from elementary to collegiate level. Team support ranges from \$500 to \$5000. The funds given to team are used for entry fees, travel costs, program expenses, equipment, and tools.

Video System - \$6,000

This system would be used to stream STEM events in the North Dakota and Northern Minnesota area so that others can watch and participate in the events. The system could also be used for live Audio/Video production for the events. This would also provide the equipment required to create high quality instructional content.

Camps - \$100-\$1,000 per camp

We work to host camps in a range of disciplines. Coding and electronics have been very popular. We have also run a 3D printing camp. We want to continue these camps and grow the variety offered.

Red River Valley Fair Exhibit - \$2,000

The STEM Alliance is assisting with the STEM Education area of the Red River Valley Fair. We want to bring all the excitement of STEM to the fair to attract new students to participate and show the public all that is going on in STEM right here in the Red River Valley.

Equipment Upgrades and Purchases -

The STEM Alliance makes tools and equipment available for teams to us. Some of the items we are looking to purchase include Welding equipment, CNC equipment, Plotter Printer, Computers/Laptops, and Server Equipment.

As the STEM Alliance continues to grow, we will be supporting as many STEM activities as possible.



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Sponsorship Levels

Platinum Sponsor - \$15,000+

- Gold level recognition
- Company logo and link displayed on the STEM Alliance home page and Listed as a top Sponsor on STEM Alliance Sponsorship page
- Large Company Logo Banner Hung in the Robotics Center
- Recognition at all STEM Alliance events
- STEM Alliance Plaque in recognition of your Sponsorship

Gold Sponsor - \$10,000

- Silver level recognition
- Listed as a top sponsor on team's sponsorship web page with logo and link
- Small Company Logo Banner Hung in the Robotics Center
- Demonstration by one of the STEM Alliance sponsored teams at your business or business event*

Silver Sponsor - \$5,000

- Bronze level recognition
- Framed Certificate of Recognition
- Logo on STEM Alliance poster all groups/teams display at events they attend
- Prominent recognition on all Stem Alliance promotional material

Bronze Sponsor - \$2,000

- Aluminum level recognition
- Certificate of Recognition

Aluminum Sponsor - \$500

- Iron level recognition
- Listed as a sponsor on STEM Alliance Sponsorship web page with link
- Recognition on STEM Alliance promotional materials

Iron Sponsor - \$100

- Listed as a Sponsor in the Robotics Center
- Thank You Letter

* A visit may not be possible for some sponsors who require significant travel, or if desired dates conflict with other STEM Alliance Team or school events. We will do our best to accommodate a sponsor's requested visit date, such as attending a company picnic, to maximize the impact. We will also do our best to accommodate a sponsor's requested STEM Alliance team.

Donation Form

Company _____

Address _____

City/State/Zip _____

Phone _____

Company Point of Contact

Name _____

Phone _____

Email _____

Amount _____

Notes _____

Thank you for your support of the STEM Alliance!
If you have any questions, please email:
contact@stemalliancefm.org

Our fundraising committee will be contacting you to gather the required information so that we can properly recognize your donation.

Make Checks Payable To: "STEM Alliance"

STEM ALLIANCE
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