Arizona STEM Advocates

Linking Business and Education

Why does STEM matter?
Science, Technology, Engineering and Math (STEM) Education is an integrated, interdisciplinary approach to learning that provides hands-on and relevant learning experiences for students. STEM helps students understand and apply math and science content, the foundations for success in college and careers.

According to the U.S. Bureau of Labor Statistics, computer, mathematical, engineering and scientific occupations are among the highest paying in the country. Yet, only 17% of 12th graders are math proficient as determined by the ACT exam and interested in pursuing STEM careers.

What Is the Arizona STEM Network?
The Arizona STEM Network, led by Science Foundation Arizona, is a collaboration of businesses, educators, government and philanthropy with a common agenda to graduate more Arizona students prepared for the global economy through STEM education.

Who is a STEM Advocate?
STEM Advocates are individuals, businesses and industry organizations that work with teachers, schools and districts to advance real-world learning opportunities and career exploration for students.

How Does the Program work?
The STEM Advocates program makes it easy for business volunteers to get involved. You don’t have to spend hours figuring out who to contact or which programs could use your expertise. We will match you to a school in need or a non-profit whose education programs are proven to be effective. Through our partnership with the national CEO-led initiative Change the Equation, the educational programs we support have demonstrated a strong return on investment. You will also have access to an online partner database to share your experiences and learn from others.

What Are the Outcomes for Students, Teachers and Businesses?
Science Foundation Arizona uses a robust evaluation process to ensure that business engagement is making a real and sustainable difference in student achievement.

Students understand the applications of math and science, learn valuable workplace skills and gain insight into new career opportunities. Teachers advance their knowledge of STEM content and its career applications. Businesses contribute directly to advancing the workforce in Arizona by helping to build a talent pipeline.

The Arizona STEM Network also provides an opportunity for recognition of STEM Advocates through media such as the Science Foundation Arizona website, social media, showcasing at conferences and sharing successes with all Network members.
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<th>Organization Name:</th>
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<td>Business Sector:</td>
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<td>Geographic Location:</td>
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Are you currently working with any organizations/schools to improve STEM education in AZ?  ___Yes ___ No

Which Organization/School?

Does your company have resources and interest to participate in virtual activities?  ___Yes ___ No

We agree to have our corporate logo on the SFAz website.

### Employer Support

**VOLUNTEER**

- ___ Host field trips or tours of your company
- ___ Provide internships / externships for teachers
- ___ Provide internships / externships for students
- ___ Join media team to publically discuss the value of STEM education
- ___ Develop real-world projects for students
- ___ Support student research projects
- ___ Participate in public STEM festivals
- ___ Other: _______________________

**DONATE**

- ___ Provide funding or in-kind donations

**ADVOCATE**

- ___ Vote 4 Education – An initiative led by Expect More Arizona that encourages voters to make education a top priority and highlights key policy issues
- ___ Arizona Aims Higher – A campaign to raise awareness and support of higher standards and assessment for K-12

Signature ___________________________ Date ___________________________  

### Individual or Employee Support

**VOLUNTEER**

- ___ Provide career advice and guidance
- ___ Lead STEM activities or real world projects
- ___ Mentor students
- ___ Mentor teachers
- ___ Share work experience in classrooms
- ___ Attend Career Fairs
- ___ Participate as a judge at science fairs
- ___ Coach a student team (First Robotics, etc.)
- ___ Other: _______________________

**DONATE**

**ADVOCATE**

- ___

Signature ___________________________ Date ___________________________  

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**Sponsors**

- [Helios Education Foundation](https://www.helioseducation.org)
- [Freeport-McMoRan Copper & Gold Foundation](https://www.freeportmcmooran.com)