



# Let's Build A Bridge In Your Community

Help students discover a  
future career in engineering  
and design with EAA's  
Student Impact Project



Celebrating  
25 Years

## Inspiring and educating students across the nation

Our Student Impact Project introduces high school students to engineering and design through a STEAM curriculum that blends creativity and problem-solving. Students learn how real-world AEC professionals think and work — and gain the confidence to explore career possibilities.

AEC Volunteers share their experiences with students during the ten-week bridge-building program and highlight how an engineering career can fit into their future.

Now, you can bring this powerful, project-based program to your own community by launching a local Chapter. EAA gives you everything you need to get started, including curriculum, resources, program support, and more!



**8000+**  
STUDENT  
PARTICIPANTS



**60+**  
SUPPORTING  
FIRMS



**775+**  
TEACHERS &  
VOLUNTEERS

# Start Your Chapter in 3 Easy Steps

## READY

### Gather Your Team

Friends, coworkers or colleagues in an AEC-related field can volunteer in the classroom, serve as an Awards Event Judge and/or help with organization functions. Your local SEA, ASCE, and AIA organizations are a great place to recruit new members, too. You can easily start the first year with just three or four volunteers. EAA will supply you with recruitment materials to make this process simple!



## SET

### Partner with a local School

High School Teachers host the program in their classroom one day a week during the spring semester (February through May) with 10 weeks of curriculum, and an optional 3-week extension.



The Student Impact Project can be offered in any STEAM-related subject, including math, science, art, architectural or engineering. Volunteers are in the classroom for one class period each week. EAA will provide you with fully developed curriculum, scenarios, and instructions, requiring minimal preparation by you.

## GO!

### Get your Supplies



Each classroom will need a specific set of supplies, plus awards for the Bridge Showcase & Awards Event. EAA will give you the details on supply quantities and suggestions for the Awards Event. NCSEA has generously provided start-up funds for all EAA chapters through their SEA Grant Program. Additional funding can be provided by local SEA's, companies, individual sponsors, or school district funding initiatives.

## Here's What You Can Do With EAA

- Bring hands-on building, team-based learning, development of higher-order thinking skills, and engaged volunteers to your local schools. All are all highly valued by educators.



- Help students discover AEC: Students frequently note this is one of the most unique and impactful experiences of high school, and volunteers are a huge part of this experience!
- Represent and expand the visibility of our structural engineering profession and convey the significance of the built environment.
- Share the challenges and rewards of designing and building while encouraging the next generation of engineers and AEC professionals.

## Here's What EAA Provides to Each Chapter:

### Complete Curriculum

- 10 weeks of fully developed content
- 2 new Scenarios each year
- 3 week Extension course

### Resources to Launch

- Classroom supply lists
- Recruitment flyers
- Training videos
- Virtual Orientation Meeting

### Program Support

- Curriculum manuals
- Annual Scenario and classroom posters
- Tech support
- Electronic Pre- & Post-Program Student Survey

### Awards Event Assistance

- Event logistics and guidance
- Judging scoresheet
- Awards resources

PLUS...

- Ongoing support throughout the year

**EAA is here to help and support you to make your Chapter a success!**

### READY TO GET GOING?

**Start your Chapter and bring EAA to your community! Contact us and get started!**

**Executive Director, Michelle Lehman**

**Email: [eaabayarea@gmail.com](mailto:eaabayarea@gmail.com)**

**Cell: (925)482-5500**

**Learn more at: [www.EngineersAlliance.org](http://www.EngineersAlliance.org)**

# Program Impact

*"EAA made learning exciting by showing how high school subjects connect to real careers in engineering and architecture. It inspired me to think creatively and helped me see new possibilities for my future."*

— Student



*"I have always thought that this is a great way to expose kids to engineering. It's something I wish I had in high school since it might have helped me get on a path to becoming an engineer much sooner than I did."*

— Volunteer

# Our Mission...

Inspire and educate students about the interaction of art, architecture, engineering and construction.

## Anchor Sponsor



Thanks to CSI for being our Anchor Sponsor and supporting our mission for 25 years!

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