



STELLARXPLORERS

SPACE STEM PROGRAM

A STEM program of the
Air & Space Forces Association



StellarXplorers is a STEM program of the Air & Space Forces Association, created to introduce and inspire high school and middle school students toward careers in aerospace, aviation, and other science, technology, engineering, and math disciplines critical to our nation's future.

The program features the StellarXplorers National Space Design Competition, a team space system design competition that challenges teams of students (grades 9-12) to solve orbit planning, satellite component, and launch vehicle selection scenarios presented in a series of online rounds. The program also offers summer StellarCamps, week-long educational camps to that introduce students (grade 6-12) to space design.

VOLUNTEER OPPORTUNITIES

Give back by sharing your knowledge (and love) of space exploration with students who share a similar interest! There are numerous opportunities StellarXplorers involvement, and participants truly appreciate any time you are willing to share.

Volunteer opportunities include, but are not limited to:

- Serving as a team director or technical mentor for a team competing in the StellarXplorers National Space Design Competition (you'll support the team with learning STK and providing technical assistance as they practice)
- Serving as a single-session mentor. Meet with teams once or twice to providing guidance and advice as they prepare for the competition
- Guest speaking at a participating organization to discuss your real-world experience
- Serving as an in-person or virtual instructor for a StellarCamp
- Guest speaking or conducting a 30-minute Q&A at a StellarCamp
- Supporting a StellarXplorers career day with your company or on your own (virtually or in-person)

Even if you can't volunteer, we encourage you to spread the word about StellarXplorers to schools and youth organizations in your local community!



Learn more at www.stellarxplorers.org | Contact info@stellarxplorers.org

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