

Educator Opportunities

Texas High School Aerospace Scholars (HAS) offers an enriching experience in three different roles for certified educators within the state of Texas, as online technical reviewers, game moderators, and onsite counselors.

Technical Reviewers

HAS technical reviewers oversee students by answering student questions, assessing work and providing daily feedback on lesson submissions from students. This position works collaboratively with the onsite HAS team at Johnson supporting the HAS activity to ensure the activity and participants progress to meet NASA's STEM Engagement goals and outcomes. The technical reviewers provide timely and accurate information to the NASA HAS team.

Technical Reviewer Responsibilities

During the online course, the responsibilities include:

- Supporting HAS students in the online learning community, Canvas, to help ensure participant success and retention
- Reviewing lesson submissions from students
- Using the rubrics to help develop the skills of the students, both in quantitative evaluation and qualitative feedback
- Attending mandatory online synchronous sessions and complete asynchronous training
- Communicating honestly and openly, listening attentively, and assuming responsibility for resolving difficulties appropriately
- Exhibiting a courteous, conscientious and professional manner in the online workplace

Technical Reviewer Logistics

Technical reviewers must have a valid Texas teaching certification/license and reside in the state of Texas. Reviewer applications open in September, followed by interviews. Reviewers receive offers in October for this paid opportunity. Thank you for your interest in working as a reviewer.

The HAS team encourages technical reviewers to apply for the summer experience game moderator positions and the two-day residential summer experience onsite counselor positions.

Game Moderators

Certified Texas teachers serve as game moderators during the summer virtual experience, Moonshot, of the Texas High School Aerospace Scholars. Game moderators, along with the team NASA consultant, guide Texas rising high school seniors to team success during Moonshot.

Game Moderator Responsibilities

During Moonshot, the responsibilities include:

- Guiding no more than three teams of 12 rising high school seniors through a 5-day NASA virtual STEM experience online.
- Directing a team of students, promoting a positive virtual environment, encouraging cooperation, collaboration, and co-ownership of success.
- Using best online teaching practices to engage and support students in all virtual activities throughout the week.
- Providing guidance and leadership for students work via learning management systems (LMS) and other required online applications integrated into the virtual online experience.

- Helping monitor and enforce all activity rules and regulations for students on all teams while exhibiting a courteous, conscientious, and professional manner during all virtual activities.
- Cooperating with NASA engineers and scientists via online applications as they mentor team research, design challenges, and preparation of the preliminary design review.

Game Moderator Logistics

Technical reviewers must have a valid Texas teaching certification/license and reside in the state of Texas. This is a paid opportunity while working with students online and cooperating with NASA scientists and engineers. Game moderator applications open in February, followed by interviews. Game moderators receive offers in April.

Onsite Counselors

Certified Texas teachers serve as counselors during the four-day residential summer experience of the Texas High School Aerospace Scholars. Counselors, along with the HAS team, guide and supervise teams of Texas rising high school seniors during the four-day experience at Johnson Space Center.

Counselor Responsibilities

During the onsite experience, counselor responsibilities include:

- Directing a team of students while promoting a positive work environment, encouraging cooperation, collaboration, and co-ownership of success.
- Providing guidance and leadership for students work in a safe manner and to use time, equipment, and resources effectively and efficiently.
- Becoming familiar with and helping monitor and enforce all program rules and regulations for students on all teams while exhibiting a courteous, conscientious, and professional manner during onsite activities and as a chaperone in the hotel in the evenings.
- Demonstrating flexibility and calm to adapt positively or take on additional responsibilities when changes in circumstances occur.
- Communicating frequently, honestly, and openly with the lead counselor to seek guidance when needed, listen attentively, and assume responsibility for resolving difficulties appropriately.

Counselor Logistics

Technical reviewers must have a valid Texas teaching certification/license and reside in the state of Texas. This is a paid opportunity while working with students in person in Houston, Texas. Counselors must be able to commit to in-person training, the ability to work the full onsite program period, and the ability to reside in the same lodging with students and other counselors during the program.

Additional NASA STEM Resources

NASA has several ways to engage your students and encourage participation in STEM related activities. The sites below link to more content.

- [NASA STEM Engagement](#)
- [At Home Resources](#)
- [Educator Resource Center](#)
- [Current Opportunities for Educators](#)
- [In-flight Education Downlinks](#)
- [STEM on Station](#)