

National Aeronautics and Space Administration



HIGH SCHOOL AEROSPACE SCHOLARS

*Texas high school juniors are
invited to join NASA as we
explore the Moon to Mars!*

www.nasa.gov/has

What is High School Aerospace Scholars?

Texas High School Aerospace Scholars is an authentic STEM learning experience for Texas high school juniors to engage with NASA's missions and become the next generation of explorers. HAS is a year-long commitment for Texas high school juniors which starts in the fall with a five-month online learning experience related to space exploration, Earth science, technology, and aeronautics. High-achieving students receive an invitation to a virtual summer experience (Moonshot) mentored by NASA scientists and engineers. Top Moonshot teams are invited to a residential experience at NASA's Johnson Space Center in Houston during the summer. Both online and onsite portions are free to participants.



What will you do?

Online activities during the school year:

- Interactive lessons on NASA missions related space exploration, Earth science, technology, mathematics, and aeronautics
- Learning the engineering design process, coding, and CAD (computed aided design)
- Virtual chats with NASA engineers and scientists
- Engineering design challenges based on NASA missions

The Moonshot virtual experience includes:

- Mentors, NASA engineers and scientists who guide and facilitate research
- Design challenges and preliminary design review presentation
- Virtual activities to support an Artemis-themed mission
- Team challenges relating to the mission research
- Guidance in possible STEM careers



Who is eligible?

In order to qualify, students must be:

- A U.S. Citizen
- A Texas resident
- Enrolled as a junior in a Texas high school
- Interested in science, technology, engineering, or mathematics
- Able to access the internet (from home, school, or a public library)
- Committed to completing online course to qualify for Moonshot



Program participants are eligible for:

- 1/2 science elective credit (HAS Online Course)
- 1/2 science elective credit (Moonshot)
- Peer mentorship opportunities

Certified Texas Educators

Compensated to serve as technical reviewers, design challenge facilitators, game moderators, and counselors. For more information, email jsc-has@mail.nasa.gov.

What is the timeline? Visit nasa.gov/has for exact dates.



AUG - OCT

Online course begins: five modules lasting three to four weeks each.



JUNE

On-site summer experience at NASA's Johnson Space Center. Lodging and transportation are provided at no cost to participants.

Online student application open.

NOV - APRIL



Moonshot, a virtual experience, takes place over one week.

JULY





For more information,
please visit our website at:

www.nasa.gov/has

Or contact us at

**jsc-has@mail.nasa.gov or
(281) 483-4112**

