

National Aeronautics and Space Administration



HIGH SCHOOL AEROSPACE SCHOLARS

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

www.nasa.gov

What is High School Aerospace Scholars?

High School Aerospace Scholars is an authentic learning experience for Texas high school juniors to engage with NASA's mission and become the next generation of explorers. Like-minded students complete an online curriculum in exploration and discovery. The highest achieving students are invited to attend a 6-day residential experience to NASA's Johnson Space Center in Houston, TX during the summer. Mentored by NASA scientists and engineers, students work in teams to plan a mission to the Moon and Mars. The online and onsite portions are free to participants.



What will you do?

Online activities during the school year:

- Interactive lessons on NASA activities related to space exploration, Earth science, technology, mathematics and aeronautics.
- Design challenges including 3D drawings, science and math quizzes, discussion posts and technology writings.
- Virtual chats with NASA engineers and scientists.

Six-day residential summer experience at NASA's Johnson Space Center includes:

- Team projects and briefings directed by NASA engineers and scientists.
- Hands-on design challenge and engineering activities to plan a mission to Moon and Mars
- Tours of NASA facilities.



Program participants are eligible for:

- 1/2 science elective credit (online).
- 1/2 science elective credit (onsite).
- Scholarship opportunity.
- Internship opportunity.

Mentoring

Onsite participants are mentored by NASA engineers and scientists who offer guidance and inspire students to make the connection between STEM degrees and career fields.

Certified Texas Educators

Compensated to serve as technical reviewers and counselors. For more information visit: <https://nas.okstate.edu/has/>

Who is eligible?

In order to qualify, students must be:

- A U.S. Citizen.
- A Texas resident.
- A high school junior.
- Interested in science, technology, engineering, or mathematics.
- Able to access the internet (from home, school, or a public library).
- Committed to completing online lessons to qualify for the six-day residential summer experience.
- Nominated by a state legislator (which you will be assisted with as part of the application process).



What is the timeline? Please check the HAS website for exact dates.



SEPT - OCT

Online course begins; divided into four modules with approximately one month to complete each module.



MARCH

Six-day residential summer experiences at NASA. Lodging, meals and transportation to/from Houston provided at no cost.

Online student application open.



NOV - FEB

Selections for onsite experience made.



JUNE - JULY



For more information,
please visit our website at:

www.nasa.gov/has

Or contact us at

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(281) 483-4112**

