Texas High School Aerospace Scholars

Texas High School Juniors are Invited to Join NASA on the journey from the Moon to Mars!

For more information, please visit our website at: has.aerospacescholars.org

To learn more about NASA and our other education programs, visit www.nasa.gov or http://education.jsc.nasa.gov
What is High School Aerospace Scholars?
High School Aerospace Scholars is a once-in-a-lifetime experience for Texas high school juniors to explore careers at NASA, learn about what they might want to study in college, and unite with like-minded students across the state. Following a series of online lessons, top scoring students will be invited to an all-expenses-paid, week-long visit to NASA’s Johnson Space Center in Houston during the summer. Selected participants will plan a mission to Mars while receiving guidance from NASA scientists and engineers. Both the online and onsite portions are free to participants.

Who is eligible?
Applicants will compete with students from across Texas to take part in the HAS program.
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 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 Mars
• Tours of NASA facilities

What is the timeline?
Please check the HAS website for exact dates.
September - October
Online student application open.
November - February
Online course begins; divided into four modules with approximately one month to complete each module.
March
Selections for onsite experience made.
June - August
Six-day residential summer experiences at NASA. Lodging, meals and transportation to/from Houston are provided at no cost.

Mentoring
Onsite participants are mentored by NASA engineers and scientists who guide and facilitate your research as you plan a mission to Mars. Mentors also offer guidance in possible science, technology, engineering and mathematics career fields.

Counselors
Certified Texas teachers serve as counselors during the summer and help guide participants’ learning experience. Selected teachers receive lodging, meals and transportation. Counselor applications are available online in February.

How do you apply or find out more?
Visit the High School Aerospace Scholars website at: has.aerospacescholars.org. Or contact us at jsc-aeroscho@mail.nasa.gov or 281-483-4112.