Texas High School Aerospace Scholars

Texas High School Juniors are Invited to Join NASA on the #JourneyToMars.

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

www.nasa.gov
What is High School Aerospace Scholars?
High School Aerospace Scholars is an interactive, online learning experience that culminates in an all-expenses-paid, week-long visit to NASA's Johnson Space Center in Houston during the summer. Over the course of the year, you'll train for your mission by learning about the past, present and future of space exploration online. Then the students with the highest scores will be invited to put the training to use at NASA, where you'll get guidance from scientists and engineers as you work with students from across the state to complete hands-on design challenges and plan a mission to Mars. Both 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 and aeronautics
- Design challenges such as building 3D CAD modules, creating videos and designing interactive posters
- Virtual chats with NASA engineers and scientists

Six-day residential summer experience at NASA's Johnson Space Center includes:
- Briefings by NASA engineers and scientists
- Team projects directed by NASA engineers and scientists
- Hands-on engineering activities
- Tours of NASA facilities

Who is eligible?
You compete with students from across Texas to take part in the program, and will be nominated by a state legislator. You 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

What is the timeline?
Please check the HAS website for exact dates.
- September - October
  Online student application open.
- November - March
  Online course begins; divided into multiple modules and a final project, with approximately two weeks for each module.
- April
  Selections for onsite experience made.
- June-August
  Six-day residential summer experiences at NASA. Lodging, meals and transportation to/from Houston is 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.