



HIGH SCHOOL AEROSPACE SCHOLARS

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

APRIL 2024 NEWSLETTER



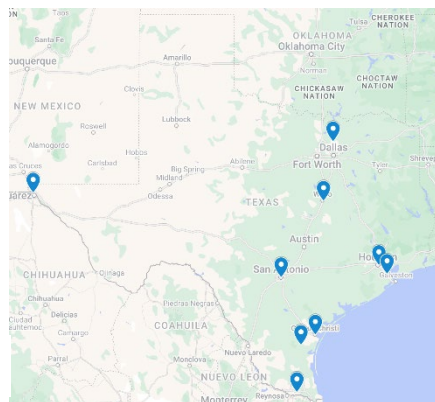
HAS alumni interviewed new astronauts Chris Birch and Anil Menon on March 5, 2024.

Online Courses Concluded

We have concluded our three online courses, including our launch of the senior mentor course. Designed for HAS alumni to complete during their senior year of high school, the senior mentor course contains modules about leadership and STEM career opportunities. This course is a new way to continue to engage students along their STEM journey as they prepare for continuing education or careers and also provides another layer of support for the junior scholars.

By the Numbers

- 506 junior scholars eligible for Moonshot
- 22 senior HAS alumni completed first senior mentor online course
- 101 educators signed up for online astronomy course
- 20 eclipse engineering challenges:
 - 12 in person
 - 8 virtual
 - 854 youth served



Locations of in-person eclipse engineering design challenges.

Upcoming Events

- May 30** – Moonshot Opening Ceremony
- June 3-14** – Moonshot
- June 11-12** – Region 15 Annual STEAM Expo
- June 20** – Closing Ceremony
- July 15-18** – Career & Technical Association of Texas Summer Conference
- July 28-Aug 2** – Onsite at NASA's Johnson Space Center
- July 29** – 25th Anniversary Event

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.

Learn more at nasa.gov/has or email the team at jsc-has@mail.nasa.gov.





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In Partnership

The HAS team engaged more than 2,500 students, parents, and educators at the Texas Science and Engineering Fair Night at the Zach event at Texas A&M University in College Station, Texas, on Friday, March 22, 2024. Since 2019, Texas A&M has hosted the two-day science fair, where students from across the state of Texas showcase their research projects in over 20 categories spanning across engineering, biological sciences, and physical sciences.

During Night at the Zach students, their parents, and educators experience hands-on STEM (science, technology, engineering, and mathematics) activities and opportunities to connect students with representatives from STEM industries. HAS's connection to NASA and Johnson Space Center drew large numbers of students to interact with NASA exhibits such as the Exploration trailer, space food samples, and extravehicular activity glove assembly. While interacting with students, parents, and educators, the HAS team discussed the excitement of upcoming opportunities with the program, including the flagship online course for high school juniors, a new peer leadership course for high school seniors, and the eclipse-themed astronomy course for educators.



Preparing for the Eclipse

In preparation for the total solar eclipse on April 8, the HAS team facilitated 20 engineering design challenges across Texas. Design challenge facilitators set up 12 in-person and eight virtual events on Saturday, April 6, for HAS scholars and local students to learn about eclipses and solar power. At in-person events, students built solar-powered rovers to see how the Sun's light and heat can be transformed. Virtually, HAS scholars prepared eclipse pinhole viewers to see the eclipse. 854 youth participated in the engineering design challenges.

For the main event, the HAS team travelled to San Antonio, Texas, to support the solar eclipse watch party at North East Independent School District. More than 2,200 students, educators, and parents participated in hands-on NASA activities.

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