

Online Experience

During the school year, students will complete an online course which includes five modules. Interactive online lessons and activities related to space exploration, earth science, technology and aeronautics familiarize scholars with NASA's six themes of: Humans in Space, Moon to Mars, Earth, Space Technology, Flight, and Solar System and Beyond.

Course Overview

To discover the past, present and future of exploration on and off the Earth, students will complete five modules inspired by the stages of a Moon and Mars' mission: Establishing the Foundation, Looking In, Looking Out, Extending Life, and Sustaining Life. Within each Module there are a series of STEM activities, including interactive lessons focusing on Earth, Aeronautics, International Space Station, Moon to Mars, and the Solar System. Each topic culminates in a rubric-based activity intended to assist scholars in researching and planning a manned mission to Mars, Titan, Europa, or the Asteroid Belt.

Webinars

During the course, scholars participate with NASA engineers and scientists in online discussions. These online discussions focus on Artemis related topics.

Science Credit

Each HAS online assignment aligns to the Engineering Design and Problem Solving course developed by the Texas Education Agency (TEA) and graded by certified Texas educators. Upon successful completion of the online portion of the course, the HAS team provides a NASA letter for a 0.5 Science elective credit that schools may award to the student.

Note: It is at the discretion of each student's high school to award credit.