Space Center Houston

FACT SHEET

Space Center U

Smithsonian Affiliate

Learn more at:
Space Center U

Reserve and Ask Questions at:
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Come behind the scenes with Space Center U®, the ultimate educational experience, and get a taste of space exploration! Space Center U is a challenging multi-day program offered year-round to individuals and groups. The program promotes teamwork, problem solving, communication and engineering solutions to space related situations. It is designed to develop and improve critical thinking skills, fiscal responsibility, creativity and the drive to be successful.

Ages 11-14 Program

This five-day lunar program includes interactive, project-based learning that includes sustainable habitat construction, strategic scientific planning and investigations, a one-stage rocket launch, robotic building and coding, collaborative teaming and global awareness development.

Ages 15-18 Program

This five-day Martian program includes interactive, project-based learning that includes the option of a one- or two-stage rocket launch, thermal protection system and cryogenic capsule testing, robotic coding and end effector build, strategic scientific planning and investigations, underwater "astronaut training," collaborative teaming and global awareness development.

Visual Impairment Program

Space Center U® Visual Impairment (VI) Program is a new, challenging four-day program for visually impaired students ages 15-18. This program is modified from the existing Space Center U and combines classroom theory with cognitive and tactile tasks, which promote teamwork, solving problems, communication and engineering solutions to space-related situations. The program is designed to develop and improve critical-thinking skills, fiscal responsibility, creativity and the drive to be successful.

Educator Program

Space Center University® for educators is not your ordinary professional development experience. What once was unimaginable is now becoming reality in today's world of space exploration. For teachers seeking to take the next step in space education, Space Center Houston offers Space Center University, a challenging, multi-day, immersive experience designed for educators ready to be a part of a space exploration team.

Atmospheric Research Program

Design experiments to fly to Near Space! Analyze data from sensors to learn more about atmospheric pressure and temperature in the Stratosphere. In the Space Center U Atmospheric Research program, participants join a high-altitude ballooning mission where they take on flight roles and become citizen scientists as they explore the troposphere and stratosphere.