

Take a break from the classroom and leave the planet

Envision, execute, explore and leave the planet with this professional development opportunity. For teachers seeking to take the next step in space education, Space Center Houston offers Space Center University® for educators, a challenging, three-day immersive experience designed for educators ready to be a part of the space exploration team.

Envision

Combining classroom theory with cognitive and tactile tasks to simulate astronaut training, mission planning and real-world NASA experiences, Space Center U® for educators will delve into the challenges facing crews of deep space exploration.

**"It is difficult to say what is impossible,
for the dream of yesterday is the hope
of today and the reality of tomorrow."**

- Dr. Robert Goddard, rocket scientist



Execute

Participants will be inspired as they investigate the effects of spaceflight on human physiology, hear about the latest research from NASA's Year in Space, participate in astronaut testing and go behind the scenes at NASA Johnson Space Center. Educators will learn from an inspiring array of expert guest speakers including an astronaut and NASA mission professionals. This gathering of astronauts, scientists and teachers will provide a unique opportunity to link our current explorers with the people responsible for

the education and inspiration of the next generation of scientists and space explorers.

To facilitate transfer to the classroom, participants will receive ready-to-implement lessons and build illustrative models for use in their lessons and the community. This authentic, hands-on program culminates with a graduation ceremony to celebrate the experience and accomplishments.

Explore

Participants will study the challenges of deep space exploration on human physiology by investigating the effects of changes in gravity fields, radiation, hostile environments, isolation and confinement and distance from Earth.

NASA exclusive: behind-the-scenes tours

Participants will tour NASA Johnson Space Center with stops at the Historic Mission Control, the Neutral Buoyancy Laboratory and the Space Vehicle Mock-up Facility, including its full-size training modules of the International Space Station. Experience the space shuttle replica Independence atop the historic NASA 905 shuttle carrier aircraft at Independence Plaza.

Activities are subject to change without notice due to weather or unforeseen circumstances.

Space Center University® for educators includes

- Hands-on, engineering and design activities
- Behind-the-scenes tours of actual astronaut training and work facilities
- Interactive, project-based learning that includes strategic scientific planning, engineering design and astronaut physiology and training
- Daily lunch served at Space Center Houston
- Graduation ceremony and certificates with professional development hours

Registration information

- \$349.95 per participant
- For upcoming dates, visit our website at spacecenter.org/educator-program/

Contact us

For more information or to register, contact us at +1 281-283-4755 or visit the Space Center U website at <https://spacecenter.org/space-center-u/>