Artifacts: Sign up to request Space Program ‘Artifacts’ and ‘Special Items’ for use or display in your science, technology, engineering and mathematics (STEM) themed program.

Astronaut Visit: Request an in person or virtual NASA astronaut visit to inform the general public about the U.S. space program.

Education Resource Center (ERC): Use the link below to learn about professional developments, free downloads, or even supplements to lesson plans.

Exhibit Loan Program: Borrow NASA exhibits or artifacts to engage your audience and participatory adventures in science, aeronautics, and space loaned to you.

Lunar and Meteorite Certification: Become certified to have lunar and meteorite samples from the historic Apollo missions loaned to you.

Space Exploration Educators Conference (SEEC): Attend this three-day conference, at Space Center Houston that is filled with sessions from rocket scientists, astronauts and classroom educators.

Speakers Bureau: Bring a NASA Speaker to your school to discuss Johnson Space Center’s missions and programs for human spaceflight. The NASA Johnson Space Center Speakers Bureau is comprised of engineers, scientists, managers, and other professionals who represent the center and agency at civic, professional, educational and other public events.

Visit these content specific websites, created especially for educators and students that offer relevant history, image galleries, activities, and lesson plans.

Microgravity

Space Life Sciences

Robotics

Spacesuits and Space Walks

Rocketry

Teach the International Space Station

www.nasa.gov
A-Z List of Downloadable Education Resources

Visit the websites below for activities and opportunities specific to the grade level you teach.
K-4 Resources
5-8 Resources
9-12 Resources
NASA’s A-Z Picture Dictionary (Grades 3-8)

OPPORTUNITIES AT JOHNSON SPACE CENTER

High School Aerospace Scholars (HAS): HAS offers a one-of-a-kind experience for Texas high school students to explore the possibilities of a science, technology, engineering and mathematics (STEM) related major or career.

High Schools United with NASA to Create Hardware (HUNCH): HUNCH was created with the goal of including high school students in developmental designs orchestrated to improving the lives of the International Space Station (ISS) crew. HUNCH is not only about producing hardware for flight and training, but branching out to design projects, sewing flight and training articles, and participating in an Astronaut Culinary Challenge.

Stem on Station (SOS): SOS uses the International Space Station (ISS), its crew and the onboard research to inspire, engage, and educate students and educators. SOS works “Off the Earth, for the Earth... and in the classroom” to advance NASA and the nation’s STEM education and workforce pipeline through NASA’s missions and unique assets including a comprehensive website, conversations with astronauts in space, and hands-on STEM activities developed through high profile partnerships.

Micro-g Neutral Buoyancy Experimental Design Teams (MgNExT): MgNExT challenges undergraduate students to collaborate, design, build, and test a tool device that addresses a current space exploration challenge. Student teams will then travel to NASA Johnson Space Center’s Neutral Buoyancy Laboratory (NBL) to test their tools in a microgravity setting.

NASA Community College Aerospace Scholars (NCAS): NCAS gives the opportunity for college students to take part in a five week online community (consisting of webinars, discussions, and challenges) and concludes with a four day engineering design challenge at NASA Johnson Space Center.

NASA Spacesuit User Interface Technologies for Students (SUITS): SUITS presents college student teams with a challenge to design and create spacesuit informatics using augmented reality platform – Microsoft HoloLens.

NASA Internships: To infuse students into the NASA workforce, students may apply for internships designed to inspire them to pursue STEM careers.

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