



Education Programs

Inspiring Tomorrow's Explorers

We are building the next generation of space leaders and improving the overall quality of education through teacher, student and community programs that use space themes to improve students' interest and skills in science, technology, engineering and mathematics (STEM).

inspire...community

Space Foundation Discovery Institute (SFDI)

Our Colorado Springs education headquarters is an international professional development center for teachers, an education destination for students and a teaching facility that houses classrooms, the AGI Space Missions Simulator, the Mars Yard and the Colorado NASA Educator Resource Center (ERC).

New Horizons Space Education Program

New Horizons infuses STEM education into the community through student enrichment programs, teacher workshops, field trips, town hall meetings and astronaut and space professional visits.

Jack Swigert Aerospace Academy (JSAA)

JSAA – an aerospace-themed middle school created through a partnership between the Space Foundation and Colorado Springs School District 11 – uses aerospace principles to build student proficiency in science, technology, engineering, the arts and mathematics (STEAM).

enable...educators

Space Across the Curriculum Courses

Our week-long, intensive, graduate-level Space Across the Curriculum courses provide PreK-12 educators with hands-on, space-themed lessons and activities that span the curriculum and are instantly transferrable to the classroom. Participants can earn continuing education credits, graduate credits or work toward master's degrees in related disciplines at Colorado State University-Pueblo, Regis University or the University of Colorado at Colorado Springs.

Scholarships and Grants

The Lucy Enos Memorial Scholarship for Teachers, the Dr. Catherine Pedretty Space Scholarship and the Space Across the Curriculum Course Scholarship help offset the fees for attending Space Across the Curriculum courses.





Teacher Liaisons

Teacher Liaisons are advocates for space-related education in their schools and districts who receive Space Foundation training and resources to further integrate space into their classrooms.

Awards and Recognition

The Space Foundation, in partnership with the Astronauts Memorial Foundation (AMF) and NASA, annually presents the Alan Shepard Technology in Education Award to a PreK-12 educator or administrator for outstanding contributions to educational technology.

Resources

The National Science Standards Online Lesson Bank, ERC and the Space Class Apophis and Orion's Path Online Science Labs provide PreK-12 students and teachers with free lesson plans, educational materials and hands-on learning activities.

propel...students

STARS Program (Science, Technology, and Academic Readiness for Space)

STARS programs provide schools with custom-designed, in-school and after-school, space-themed science enrichment programs.

Audience with an Astronaut Program

Audience with an Astronaut gives students the opportunity to learn first-hand what it takes to become a space explorer. The 90-minute presentation consists of an informational and inspirational talk followed by a question-and-answer period. Teachers will be supplied with pre- and post-event lessons and student activities about each astronaut's individual mission. This program can be a stand-alone activity or an educational component of a broader aerospace industry event.

Secondary Student Tours of Space Exhibits

The Space Foundation arranges tours of space exhibits for secondary students to experience the excitement of space at conferences, museums and trade shows. Guided tours to specially designated "destination booths and displays" are usually folded into a larger, broader educational experience that represents a wide variety of aerospace programs, companies and organizations.

Career Awareness and Workforce Development Programs

The Space Foundation works diligently to inspire tomorrow's explorers, engineers and scientists at all education levels. We support, promote and conduct education activities for undergraduate students, college graduates and transitioning military who are looking for careers in the space industry.

