

The edge of exploration for K-12 education

K-12 field trips

The School of Earth and Space Exploration is a unique K-12 field trip destination that brings alive ASU research in Earth and space, reinforcing a dynamic, authentic “pathway to college” message for students.

Our customized STEM-oriented programs include grade appropriate content ideal for upper elementary and middle school grades, aligned with current science standards.

We will work with you to customize your group visit. Options may include:

- Marston Exploration Theater live 3D presentations
- ASU Student-led tours and interactive displays in the Gallery of Scientific Exploration
- Walking tours to the ASU Mars Space Flight Facility, the Lunar Exploration Gallery or the Ronald Greeley Center for Planetary Studies (based on availability and group size)

- K-12 field trips are available Monday through Thursday
- A 2.5-hour experience can be scheduled between 9:30 a.m. and 1:30 p.m.
- Mondays and Wednesdays are reserved for smaller groups (up to 60 students) and are recommended for 7th grade and above
- Tuesdays and Thursdays are available for groups up to 140 students maximum and are recommended for grades 3-12
- Cost is \$8.00 per person, including chaperons. There is no charge for teachers
- Please contact us to discuss the best option for your visit



Mars Space Flight Facility



Magic Planet



Meteorite Exhibit



Mars Curiosity Rover Replica



Marston Exploration Theater

The School of Earth and Space Exploration, located on ASU's Tempe Campus, combines the strengths of science, engineering, and education to set the stage for a new era of exploration. A variety of high-tech labs, interactive environments and engaging exhibits await to energize and excite your students in the process of scientific exploration.

Gallery of Scientific Exploration

In this gallery, students can explore kiosk-style interactive exhibits, large format monitors displaying video from Earth-observing satellites, a NASA sanctioned Mission Operations Center, hands-on meteorite displays, and a replica of the Mars Curiosity Rover.

Marston Exploration Theater

Students experience planetarium-style presentations of current missions while flying through stereographic 3D virtual space on a journey that will change their view and understanding of our vast universe.

Magic Planet

Magic Planet is a six-foot diameter digital video globe that uses data from NASA, NOAA and other sources to present real-time images of the Moon, Sun, Earth, and other planets. Students can use the touch screen to explore new frontiers in the solar system.

Meteorite Exhibit

The Center for Meteorite Studies presents touchable specimens of the largest university-based meteorite collection in the world.

Mars Curiosity Rover Replica

Greeting students as they enter the Gallery is one of the most detailed full-scale models of the largest exploration vehicle sent to another planet to date.

Lunar Exploration Gallery*

At this NASA mission operations facility, scientists and researchers are charting the amazing lunar frontier. During their visit, students can learn about America's incredible space program, see images from the Lunar Reconnaissance Orbiter Camera, explore the Moon, and see a real Moon rock.

Mars Space Flight Facility*

Visit this NASA-funded laboratory where planetary scientists and ASU students are exploring the geology and mineralogy of Mars. ASU-designed instruments aboard the Mars Odyssey orbiter are controlled from this building's mission control. A full-size model of Mars rover "Opportunity" is on display along with other Red Planet exhibits.

Ronald Greeley Center for Planetary Studies*

One of 17 centers established by NASA to archive planetary images for use by the scientific and educational communities. The collection includes all major U.S. spacecraft missions including Apollo, Mariner 9, Voyager, Magellan, Galileo, Dawn and New Horizons.

*May be included based on availability

Location:

Arizona State University
Tempe Campus
ISTB 4, 781 E. Terrace Rd.,
Tempe, AZ 85287

If arriving by Light Rail, exit at the University and Rural Road stop.

View the Tempe campus map at:
asu.edu/map/interactive

Hours:

K-12 field trips are available Monday through Thursday and can be scheduled between 9:30 a.m. and 1:30 p.m., except ASU holidays. The building is open to the public weekdays from 8 a.m. to 5 p.m. and Saturdays 1 p.m. to 4 p.m.

Contact:

Phone: (480) 727-4729
Email: SESE-Outreach@asu.edu

Web:

For information on School of Earth and Space Exploration outreach activities, including educational programming and special events, please visit: seese.asu.edu/K12

 **School of Earth and Space Exploration**
Arizona State University

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