

Educator Workshops

NASA-sponsored educator workshops, facilitated by the ASU Mars Education Program, are held at Arizona State University and other regional and national sites across the United States.

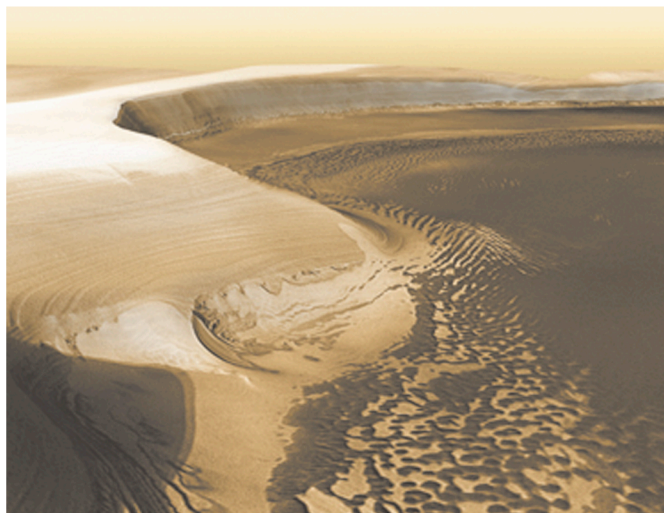
For more information and schedules of our workshops or events, visit us on the web at:

<http://marsed.asu.edu>



Educator Field Trips

Educator field trips to Earth/Mars analog sites are scheduled several times a year. Past trips have included visits to the Grand Canyon, AZ; Meteor Crater, AZ; Death Valley, CA; and Mono Lake, CA.



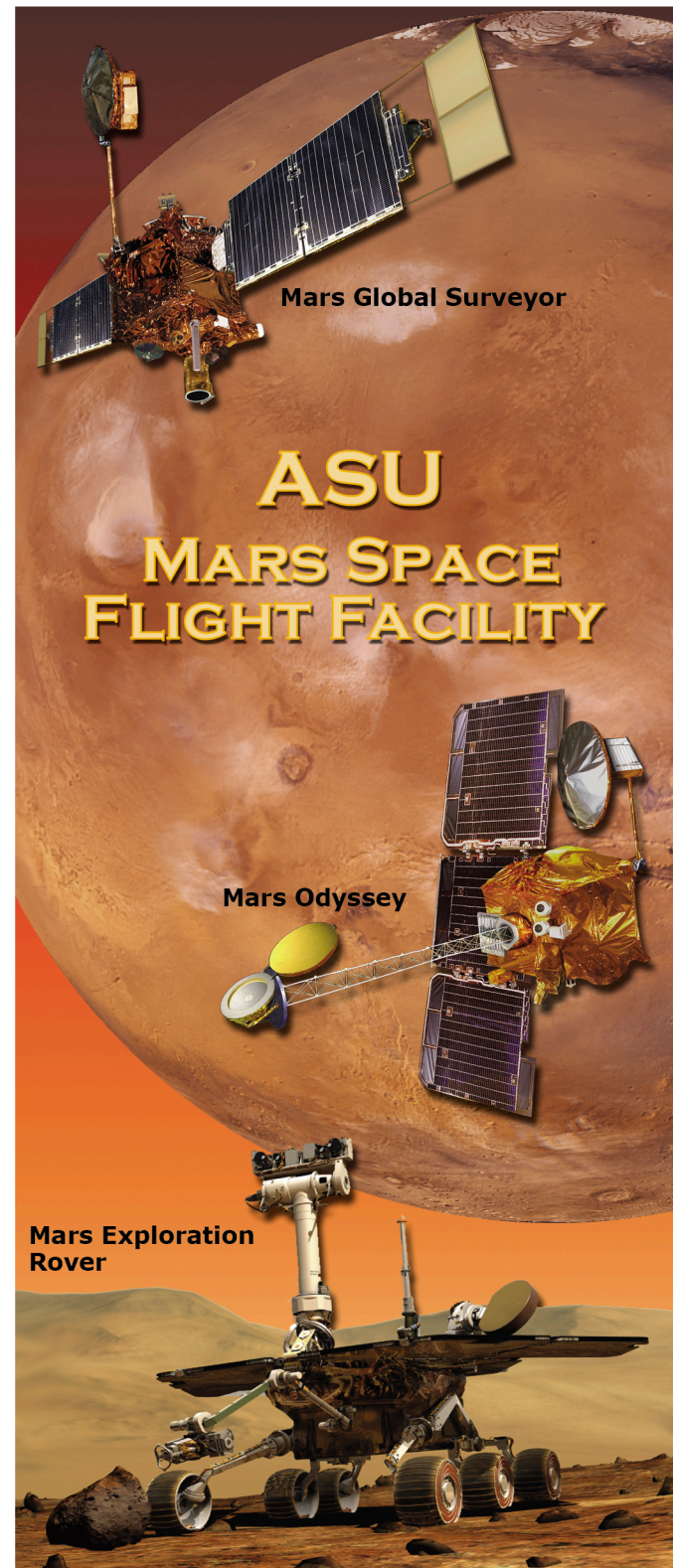
Mars Space Flight Facility
Arizona State University
Moeur Building Rm. 131
Box 876305 Tempe, AZ 85287-6305

Tour Bookings:
(480) 965-1790

Mars Education:
(480) 965-1788
Fax: (480) 727-7956

<http://themis.asu.edu>
<http://marsed.asu.edu>
<http://msip.asu.edu>
<http://ratw.asu.edu>
<http://mesdt.asu.edu>

ASU
ARIZONA STATE
UNIVERSITY



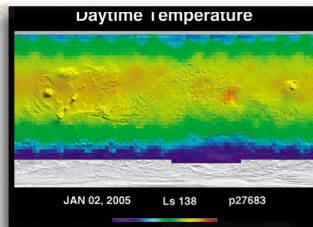
Research

The Mars Space Flight facility is NASA mission control for two instruments currently in orbit around Mars and two instruments on the surface of Mars.

Thermal Emission Spectrometer (TES)

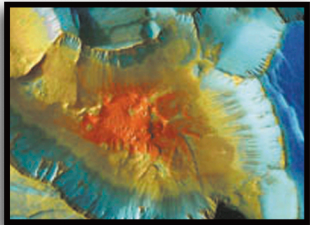
Onboard *The Mars Global Surveyor* orbiter, TES is used to determine the types of rock and minerals on the surface of Mars and to study the atmospheric activity on Mars.

<http://tes.asu.edu>



Thermal Emission Imaging System (THEMIS)

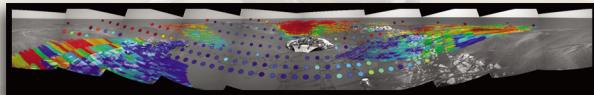
Onboard the *Mars Odyssey* orbiter, THEMIS is looking for minerals, especially those related to water. The data from the infrared and visible cameras will help to unlock the Red Planet's history.



<http://themis.asu.edu>

Mini-Thermal Emission Spectrometer (Mini-TES)

Mini-TES is an instrument on each of the Mars Exploration Rovers that can help determine the mineralogy of Mars and ground-truth past orbital data.



<http://minites.asu.edu>

School Field Trips

Classroom tours of the Mars Space Flight Facility are available by reservation. Each tour is about 45 minutes in length and is free of charge.



Classroom Activity

The Mars Education Program conducts hands-on activity sessions for groups up to 30 students in our laboratory classroom. Sessions are available by reservation and are about 45 minutes in length. Sessions are free of charge.



The ASU Mars Education Teacher Resource Center contains numerous books, videos and other resources for educators to check out for classroom use at no charge.

Rock Around The World Send Us Your Rocks!

Mars scientists are asking students from around the world to help them understand the Red Planet. Send in a rock collected by you or your classroom, and we will use our lab's spectrometer, like the ones used at Mars, to tell you what minerals are in your rock. Results are posted on the RATW website.



<http://ratw.asu.edu>

Mars Student Imaging Project

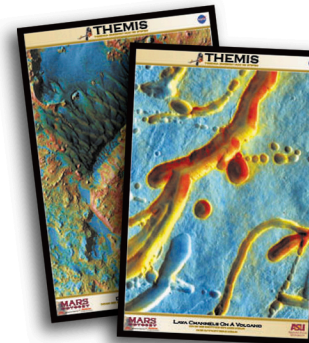
Students: Take a Picture of Mars!

The ASU Mars Education Program is the lead facilitator for NASA's Mars Student Imaging Project (MSIP). MSIP offers 5th through 12th grade students nationwide the ability to be involved in authentic Mars research using data from the *Mars Odyssey* Thermal Emission Imaging System (THEMIS) camera.



Student teams model the science process and can submit a proposal to use the THEMIS camera and take their own image of Mars as part of their research. Students can participate in an on-site, distance-learning or archived-data format. Team results and conclusions are included on a special MSIP School Results website. MSIP is a free program. For more information about MSIP, visit our website at: <http://msip.asu.edu>

Mars Posters Online



The wonders of Mars, now available in a convenient poster size. All posters are now available in both 24"x36" and 16"x24" sizes.

<http://themis.asu.edu>