

Teacher Workshop
Aerospace Educational Services Program (AESP)
General Information & Links

NASA Exploration - Back to the Moon, on to Mars and Beyond

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- Request AESP programs at: <http://csats.psu.edu/aesp.htm>
 - NASA Feature: New Launch Vehicles - <http://www.nasa.gov/missions/solarsystem/cev.html>
 - Solar System Exploration: http://www.nasa.gov/missions/solarsystem/explore_main.html
 - NASA Portal: <http://www.nasa.gov>
 - Exploration Systems Mission Directorate: <http://www.exploration.nasa.gov/>
 - Lunar & Planetary Institute - Exploring the Moon <http://www.lpi.usra.edu/moon.html>
 - Robotics <http://robotics.nasa.gov/home/home.php>
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Introduction to NASA Education

NASA Education : <http://education.nasa.gov>

- Education Resources
http://www.nasa.gov/audience/foreducators/topnav/schedule/extrathemes/F_Back_to_the_Moon_and_Mars_Extra.html
- Student Opportunities: <http://www.nasa.gov/audience/forstudents/5-8/features/index.html> ,
http://www.nasa.gov/audience/forstudents/5-8/features/F_Vision_for_Space_Exploration.html
- Shuttle & International Space Station: <http://spaceflight.nasa.gov>
- NASA Connect – Student Sheet - Functions and Statistics – International Space Station – Up to Us: http://connect.larc.nasa.gov/connect_bak/pdf/00_5.pdf
- NASA Explorer Schools <http://explorerschools.nasa.gov>
- Digital Learning Network: <http://nasadln.nmsu.edu/dln/>
- NASA Connect: <http://connect.larc.nasa.gov/>
- Central Operations of Resources for Educators (K-4 resources)
<http://catalog.core.nasa.gov/core.nsf/CoreWtype?SearchView&SearchOrder=4&Query=K-4>
- Science @ NASA <http://science.hq.nasa.gov/index.html>
- Science @ NASA Educators page <http://science.hq.nasa.gov/education/index.html>
- Space Place <http://spaceplace.nasa.gov>
- Sci-Files <http://scifiles.larc.nasa.gov/treehouse.html>
- NASA Quest <http://quest.nasa.gov>
- NASA Explores: <http://www.nasaexplores.com>

National Education Standards: <http://www.nasaexplores.com/standards/standards.php>

AESP Program – Teacher Feedback Form:

https://neeis.gsfc.nasa.gov/JDbGenie/vol1/htdocs/edcats/teacher_participant_form.html

Additional Links:

- ISS Educational Opportunities-Using the NASA Portal [http://www.nasa.gov](http://www.nasa.gov/http://www.nasa.gov/audience/foreducators/5-8/internet/index.html)
<http://www.nasa.gov/audience/foreducators/5-8/internet/index.html>
- EarthKam <http://www.earthkam.ucsd.edu/>
[http://www.space.com/news/earthkam update 000303.html](http://www.space.com/news/earthkam_update_000303.html)
 1. EarthKam Brochure <http://www.earthkam.ucsd.edu/public/about/pdf/earthkambrochure.pdf>
 2. Earthkam Litho Set http://www.earthkam.ucsd.edu/public/images/pdf/Earthkam_Guide.pdf
- Ham Radio and ISS
 1. <http://www.rac.ca/ariss/arissapp.htm>
 2. <http://www.arrl.org/ARISS/>
 3. <http://www.zarya.info/Tracking/Radio/ISS-Frequencies.htm>
 4. ARISS Litho http://www.nasa.gov/pdf/58158main_ARISS.lithograph.pdf
- ISS Downlink (See single page attachment)
- Virtual Astronaut <http://virtualastronaut.jsc.nasa.gov/>
- Distance Learning Network <http://nasadln.nmsu.edu/dln/>
- ASTRO VIP <http://www.marsbase.org/astrovip.html>
- JSC Electronic field trip
<http://www.esc5.net/edtechweb/elecfieldtrips/johnsonspacecenter.html>
- Human Spaceflight: <http://spaceflight.nasa.gov>
- Future Mars Exploration Search at the Spaceflight web site:
<http://spaceflight1.nasa.gov/gallery/>
- Human Physiology in Space <http://www.nsbri.org/HumanPhysSpace/>
- Observing ISS pass over your area:
 1. <http://spaceflight.nasa.gov/realdata/sightings/>
 2. J-Track - <http://science.nasa.gov/Realtime/JTrack/>
 3. Heavens Above - <http://www.heavens-above.com/>
- Mars:
 1. <http://mars.jpl.nasa.gov/classroom/index.html>
 2. <http://mars.jpl.nasa.gov/classroom/activities.html>
 3. <http://marsweb.jpl.nasa.gov>
 4. <http://www.space.com/>
- Solar System Exploration: <http://solarsystem.nasa.gov>
- NASA Missions: http://www.nasa.gov/missions/solarsystem/explore_main.html
- Exploring the Universe: <http://www.nasa.gov/vision/universe/features/index.html>
- CERES Project: <http://btc.montana.edu/ceres/html/EdActivities.html>
- GLOBE: <http://www.globe.gov>
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https://neeis.gsfc.nasa.gov/JDbGenie/vol1/htdocs/edcats/teacher_participant_form.html

New Launch Vehicles

http://www.nasa.gov/mission_pages/constellation/main/index.html

NASA Space Operations Mission Directorate <http://www.hq.nasa.gov/osf/>

NASA Science Mission Directorate <http://science.hq.nasa.gov/>

NASA Exploration Systems Mission Directorate <http://www.exploration.nasa.gov/>

NASA Education <http://www.education.nasa.gov/home/index.html>

Cassini Project Science Office Presents:CHARM: Cassini-Huygens Analysis and Results from the Mission. <http://saturn.jpl.nasa.gov/multimedia/products/CHARM.cfm>

International Space Station (ISS) http://www.nasa.gov/mission_pages/station/main/index.html

Solar System Exploration http://www.jpl.nasa.gov/solar_system/