



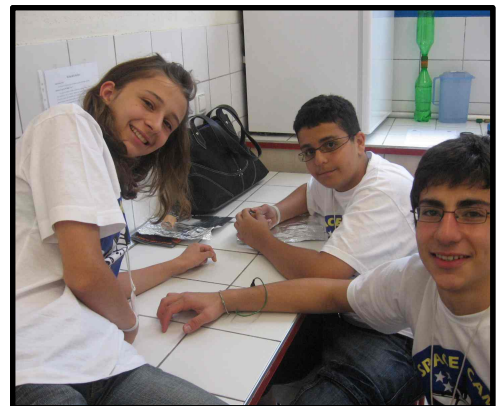
Global Friendship Through Space Education

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ASTRO

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Partner School Science Program Newsletter



**WELCOME TO ASTRO, THE
PARTNER SCHOOL SCIENCE
PROGRAM NEWSLETTER!**

**EACH WEEK WHEN YOU CHECK
GFTSE.ORG, YOU WILL FIND
COOL PICTURES, FUN FACTS,
SPACE NEWS, AND MORE....**

**TO GET THE MOST OUT OF
BEING IN THE PARTNER
SCHOOL SCIENCE PROGRAM,
MAKE SURE TO SEND
MESSAGES TO YOUR E-PAL AS
OFTEN AS YOU CAN!**

**DO YOU HAVE SOMETHING YOU
WOULD LIKE TO SEE IN ASTRO?
IF SO, ASK YOUR TEACHER TO
SEND AN E-MAIL TO
TYILDIRIM@GFTSE.ORG WITH
THE PHOTO, STORY, OR LINK.
YOU MIGHT JUST SEE IT IN
NEXT WEEK'S ASTRO!**

**TEACHERS CAN SUBMIT
PICTURES AND STORIES OF
THEIR CLASS TO BE INCLUDED
IN THE PARTNER SCHOOL
SPOTLIGHT SECTION!**

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NASA PICTURES OF THE WEEK

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NASA PICTURES OF THE WEEK

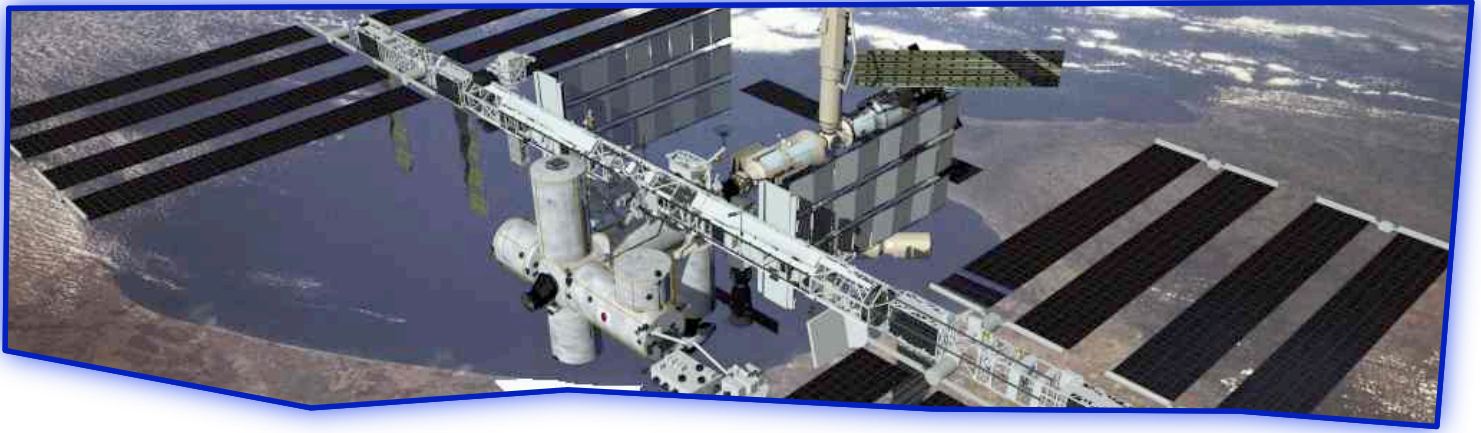


Steven Smith, payload commander for STS-103, is photographed fixing a major problem with the Hubble Space Telescope in 1999. Smith is performing an Extra Vehicular Activity after the Space Shuttle successfully grabbed the Hubble Space Telescope using the Canada Arm. The Hubble Space Telescope has since been used to make many new discoveries in deep space.



This rocket, known as the Delta II, brought two rovers to Mars! When NASA designed these two twin rovers, they expected them to survive for a maximum of 90 days on the surface of Mars. After over 4 years of time on Mars, the rovers are still sending back information and pictures to all of us back here on Earth. How long will they keep studying the martian surface? Maybe long enough for humans to come and meet them!

NEW ISS MODULE: COLLIMBLIS



This week, Space Shuttle Atlantis installed the station's latest module, Columbus. Columbus was built by the European Space Agency in Italy.

Costing \$2 billion dollars, and taking 22 years to design and build, Columbus brings the newest and most advanced scientific research equipment to the station.

Hans Schlegel, a German astronaut from the European Space Agency, is currently onboard the International Space Station setting everything up.

One of the new technologies, called Biolab, will help astronauts figure out how living things are affected by space-flight.

To learn more about what's happening in space today, go to <http://spaceflight.nasa.gov>



Columbus being transported from Germany to the Kennedy Space Center in Florida.



Columbus being loaded into Space Shuttle Atlantis.

SPACE WORDS

Extra Vehicular Activity- a space walk, where an astronaut leaves their space ship with only a space suit to protect them. This is normally done when installing or repairing something on the International Space Station or Space Shuttle.

Rover- a robot that explores a planet or moon and sends back information and pictures to Earth.

Module- a part of the overall station. The station is made up of many modules connected together, like rooms in a house.

Check back next week for more!



ASTRO IS A PUBLICATION OF GLOBAL FRIENDSHIP THROUGH SPACE EDUCATION, PLEASE VISIT US AT

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