



Global Friendship Through Space Education

VOLUME 2

ISSUE 17

ASTRO

FEBRUARY 21
2008

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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**SPACE STUFF: HUBBLE SPACE
TELESCOPE**



NASA NEWS: STS-122 LANDS



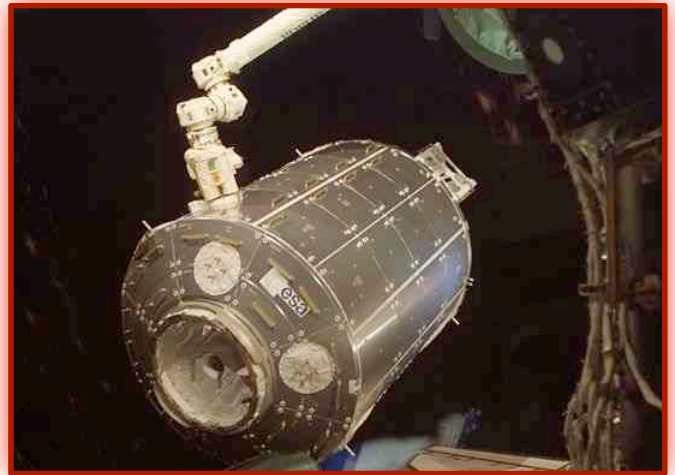
Space Shuttle Atlantis touched down at Kennedy Space Center on February 20 after spending 12 days, 18 hours in space and visiting the International Space Station.

Atlantis's primary objective was to install the European Columbus Research Module to the ISS. With this, astronauts will have more room to live and work in space.

The German Chancellor, similar to a President or Prime Minister, called the crew of Atlantis and the ISS to congratulate them on the successful installation.

The next Space Shuttle launch is scheduled to take place on March 11, 2008, and will bring up even more parts to the International Space Station, this time contributed by Japan.

Stay tuned to learn more about the next mission!



Through a window on the Space Station, Astronauts watch a new module get installed.



Atlantis touching down at Kennedy Space Center in Florida.

SPACE STUFF: HUBBLE SPACE TELESCOPE

The Hubble Space Telescope, pictured right, is a telescope that takes pictures of objects in space, from space! This is a huge advantage to taking pictures of objects in space from Earth. Many problems such as light pollution and distortion when viewing things through the atmosphere cause pictures to be very much less detailed and accurate when taken from Earth.



Since the start of the space program, scientists wondered how amazing it would be to be able to look into deep space from a telescope in orbit. Not until 1990 did this dream become a reality with the launch of Hubble on Space Shuttle Discovery.

Unfortunately when the telescope was turned on for the first time, it had a problem (pictured right) with it's lens that required a fix, or sort of "contact lens" be installed.

Since fixed, the telescope has provided an amazing view into space and has discovered hundreds of new stars, planets, nebulas and more! To see some pictures Hubble has taken, visit: <http://hubble.nasa.gov>



The same picture taken both before and after the contact lens fix for Hubble.

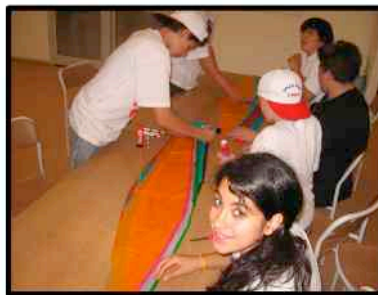
SPACE WORDS

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

Distortion- when something looks different then it is supposed to. An example of this is when you look at an object under water, it often looks distorted, or different then it does above water.

Light pollution- when alot of light blocks the view of stars and other objects in space. In big cities, light pollution stops you from being able to see the stars at night.

Check back next week for more!



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