



Global Friendship Through Space Education

VOLUME 2

ISSUE 3

ASTRO

OCTOBER 15
2007

Partner School Science Program Newsletter



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

**EACH WEEK WHEN YOU CHECK
YOUR MAILBOX, 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 MESSAGE
YOUR E-PAL ONCE YOUR
TEACHER ASSIGNS YOU ONE.
ONLY MESSAGE WHEN YOU
HAVE THEIR PERMISSION!**

**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 WEEKS ASTRO!**

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

**IN THIS ISSUE:
COOL PICTURES: THUMBS UP +
SPACE WALKING
SPACE PLACES: STAR CITY**



COOL PICTURES



Even though the most well known people at NASA are the Astronauts, it takes thousands of people across the world to make a shuttle launch possible! Here you can see some very happy NASA administrators giving the crew of Endeavor a thumbs up after a successful 12 days 17 hours in space and a safe landing!



Here you can see Astronaut Rick Mastracchio installing a new part of the International Space Station. He is performing what people at NASA call an Extra Vehicular Activity, which means Space Walk. He is outside of the Space Station with nothing separating him from the vacuum of space except his 100 kilo (220 lbs) space suit!

SPACE PLACES: STAR CITY



Star City Russia, located north of the capital of Russia, Moscow, is home to the Yuri Gagarin Cosmonaut Training Center. Here you will find simulators of modules used in the International Space Station as well as a huge water tank where Cosmonauts can practice the feelings that they will have when in the weightless environment of space. Everything you need to learn how to fly in space!

Before Russia became the Russia we know it as today, it was part of the Soviet Union, a collection of countries that broke apart into their own governments in 1991. During the time that the Soviet Union ran Star City, it was a very secretive place where nobody but military was allowed. Today, it is used by Russian Cosmonauts as well as American and European Astronauts when training for international space missions.

The Soviet Union was responsible for many of the firsts in space, pictured right you will see the first woman in space, Valentina Tereshkova, the first man in space, Yuri Gagarin, and the first dog in space, Laika!



SPACE WORDS:

Extra Vehicular Activity (EVA)- when an astronaut leaves the space shuttle/space station and goes out into space wearing a space suit.

Simulator- copy of something that allows you to practice before using the real one. Example: a simulator of a car would be a car that doesn't really move but lets you practice learning to drive.

Modules- pieces of something bigger. The International Space station is made up of many different modules that come from different countries. Together all these modules make up the International Space Station.

Cosmonaut- meaning "star voyager", is the Russian name for an Astronaut.

Check back next week for more!



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

[HTTP://WWW.GFTSE.ORG](http://www.gftse.org)

IMAGES USED FROM NASA ARE PUBLIC DOMAIN, PLEASE VISIT [HTTP://WWW.NASA.GOV](http://www.nasa.gov) FOR MORE.