



Global Friendship Through Space Education

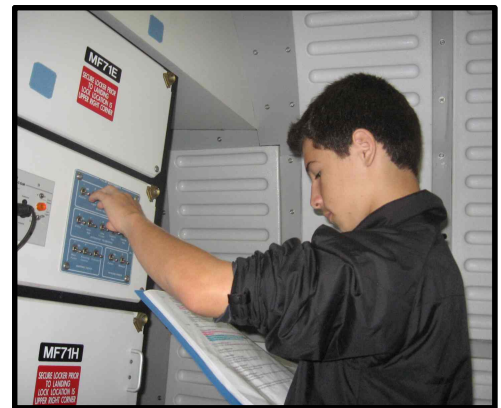
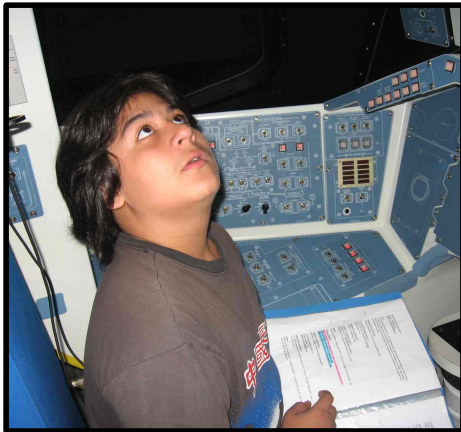
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Partner School Science Program Newsletter



**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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COOL PICTURES OF THE WEEK!



NASA has been busy looking at new pictures of the moon. Taking the highest quality pictures ever, NASA is trying to decide where their next crew of astronauts will land on the moon. (It will have been nearly 50 years since the last astronauts had walked on the moon!). A new orbiter is set to launch later in the year that will take the first ever highly detailed 3D pictures of the moon. NASA is trying to get the best pictures of possible landing sites to make the most out of their new missions.

This region of baby or new born stars is an amazing view of young light coming through stellar dust. A region called "Rho Oph" by astronomers is closer to us than any other star forming region in the universe. There are over 300 young stars in this one cloud! The colors of the different gasses change depending on the temperature of the area. How many of these new stars could have planets forming around them just like ours???



MERCURY PROGRAM



The Mercury Program was the first human space-flight program for the US. There were seven Mercury astronauts that planned to fly solo on seven different flights.



This Mercury capsule, being inspected by President Kennedy, was barely big enough for one person to fit inside!

Each flight had a "capsule" that the astronaut would stay in during all of their mission. It barely had enough room for an astronaut to lie down, and they were hardly able to move during the entire flight.

Each capsule had its own name that the astronauts were allowed to choose themselves. Each of them added a "7" to the name in order to recognize the team effort of each flight.



Alan Shepard prepares to become the first American in Space.

The first capsule was named "Freedom 7" by Alan Shepard. John Glenn, the 3rd Mercury Astronaut, let his kids name his capsule "Friendship 7".

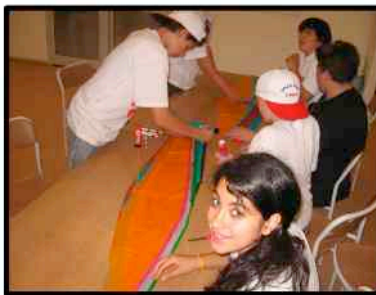
The 7th astronaut, Deke Slayton, wasn't able to fly in the Mercury program due to a heart condition he developed during training. He later flew in an Apollo-Soyuz mission you can learn about next week!

SPACE WORDS

"Flying Solo"- to fly a mission all by yourself.

Orbiter- a space craft that travels around a planet or moon.

Check back next week for more!



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