



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  
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](mailto: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: FROM THE  
MOON  
HISTORY IN THE MAKING: NEW  
COMMANDERS**



# COOL PICTURES: FROM THE MOON



The Lunar Rover, pictured left, is a car that astronauts were able to drive around and explore the moon with. It was first used on July 31, 1971, by the crew of Apollo 15. Apollo was the name of the NASA program that first brought people to the moon in 1969. The Lunar Rover was an electric car that ran off batteries, it included a TV camera, satellite dish, and science equipment. What do you think those wheels are made out of? Believe it or not, it's made from piano wire! "E" key.

The Lunar Excursion Module, pictured right, is what brought astronauts from their home in orbit down to the moon to explore. It had everything they needed to live on the moon for several days, including the lunar rover that is pictured above. It folds up and drops out the bottom. The lunar rover had two stages, the ascent stage, and the descent stage. The descent stage is what brought it down to the moon, it has the spider looking legs and is still on the moon today. The ascent stage, or the top, is what brought astronauts back to their capsule orbiting the moon.



# HISTORY IN THE MAKING: NEW COMMANDERS



Even though humans have been exploring space since 1961, every mission breaks new records and sets goals for the future.

The first people in space from both the Soviet Union and the United States were all men, and from the military. Today, men and women both participate in each mission.

This week in space, the Space Shuttle and the International Space Station docked together to bring supplies and equipment and to also rotate crew on the station.

For the first time, and unplanned by NASA, a woman commander is in charge of both the Space Station and the Space Shuttle. Pictured Right you can see Station Commander Peggy Whitson and Shuttle Commander Pam Melroy.



## *SPACE WORDS:*

Dock- for two objects to connect together. In space, the Space Shuttle and International Space Station can dock together to transfer supplies and people.

Crew- set of astronauts on a particular mission.

Capsule- a type of space craft that was entirely one unit where the crew was during the mission. They landed by parachute and not like an airplane, how the Space Shuttle lands today.

# Check back next week for more!



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