



VOLUME 2

ISSUE 2

**ASTRO**

OCTOBER 8  
2007

# Partner School Science Program Newsletter



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

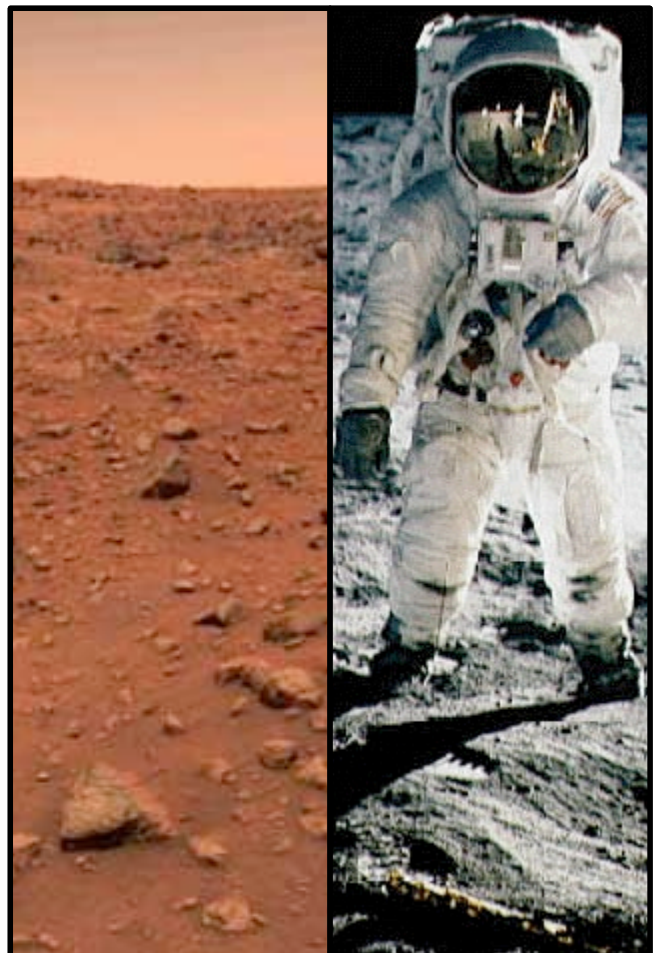
**EACH WEEK WHEN YOU CHECK YOUR MAILBOX, YOU WILL FIND COOL PICTURES, FUN FACTS, SPACE NEWS, AND MORE....**

**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!**

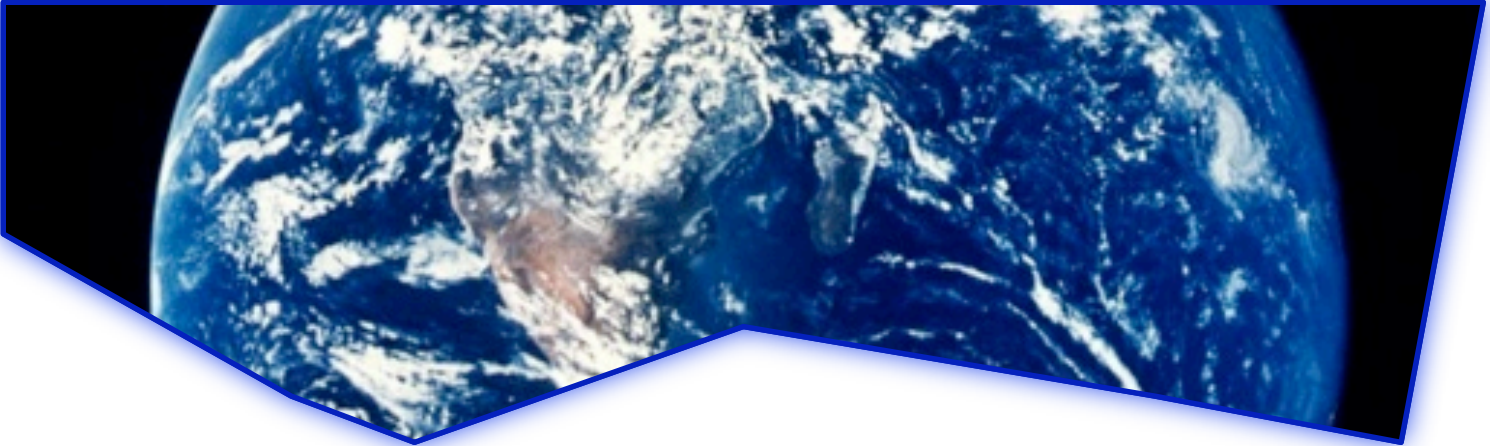
**DO YOU HAVE SOMETHING YOU WOULD LIKE TO SEE IN ASTRO? IF SO, ASK YOUR TEACHER TO SEND AN E-MAIL TO [TYILDIRIM@GFTSE.ORG](mailto:TYILDIRIM@GFTSE.ORG) WITH THE PHOTO, STORY, OR LINK. YOU MIGHT JUST SEE IT IN NEXT WEEKS ASTRO!**

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

**IN THIS ISSUE:  
FUN FACT: WATCHING ISS  
SPACE PIONEERS: LAIKA AND MONKEYNAUTS**



## ***FUN FACT***



As astronauts on the International Space Station look down on all of us here on Earth, it's possible for us to look up into the sky and watch them as they orbit the Earth on their home in space.

The International Space Station orbits the Earth every 90 minutes at a speed of 27,000 kph or 17,200 mph. NASA can predict the path they take around the Earth each day (they orbit 15 times a day) and tell us when it will be possible to view from our home.

To see when the International Space Station will pass by your home, go to the website below and enter your city and country. Look in the sky for what appears like a star moving across the night sky!

Go to <http://spaceflight.nasa.gov/realdata/sightings/> to find out more!

# SPACE PIONEERS



Laika (pictured left) was the first living thing to ever go into space. Starting her life as a stray dog on the streets of Moscow, she one day became the most famous dog in science! Her voyage paved the way for human space flight and allowed the Russians to learn how living things work with no gravity in the vacuum of space. Thanks to Laika's brave voyage, Russia was able to send the first man to space, Yuri Gagarin.

Able and Baker (Able pictured left, Baker on the right) were the first animals that the US sent up into space. They both went into space together so that NASA could figure out how living things could eat, sleep and breathe without gravity. NASA wanted to make sure Astronauts could do the same! After the flight, Baker, or Mrs. Baker, lived the rest of her life at US Space Camp in Huntsville Alabama, eventually marrying a fellow monkey named Big George.



## *SPACE WORDS:*

Gravity- the force that is pulling things to the center of the Earth.

Orbit- an object going around another, the International Space Station goes around, or orbits, the Earth.

# Check back next week for more!



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