



Global Friendship Through Space Education

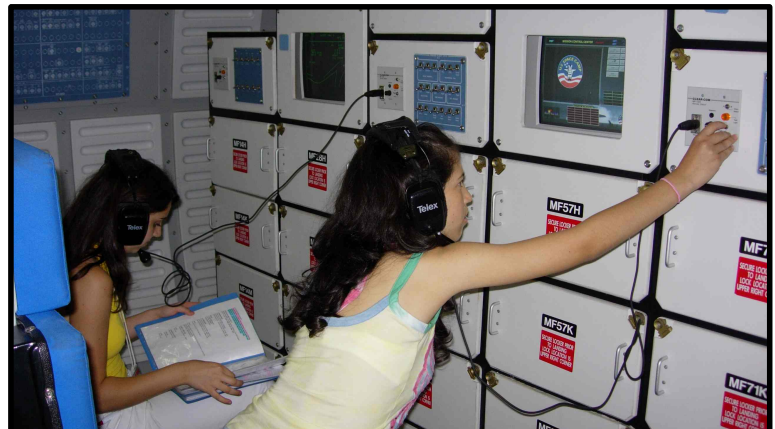
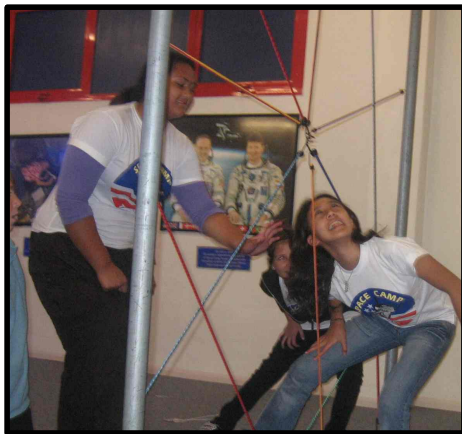
VOLUME 2

ISSUE 21

**ASTRO**

MARCH 19  
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!**

**IN THIS ISSUE:**

**APOLLO 13: THE SUCCESSFUL  
FAILURE**

**HAM THE MONKEYNAUT AND  
FELIX THE ASTROCAT**





# ***APOLLO 13: THE SUCCESSFUL FAILURE***

Apollo 13 was set to be the third manned mission to the moon. James Lovell, Fred Haise, and Jack Swigert made up the crew of Apollo 13.

Apollo 13 became one of the most famous missions in human space flight, and is known today as the successful failure.

NASA trains each of their astronauts for months, and sometimes years, on situations that are unlikely to happen. They continuously practice what every problem they can think of would be like and how to fix them.

During a routine stir of the oxygen tanks on Odyssey, the part of the ship that the astronauts lived on, a spark caused an explosion damaging the side of the spaceship.

With the help of the astronauts orbiting the moon and the crew in Mission Control in Houston, as well as people all around the world at universities, factories, military bases, and space agencies, a solution was found to bring the astronauts home safely.

Since NASA and the astronauts were able to use all of their training to successfully handle each of the mission failures, the mission became known as a successful failure.



**Apollo 13 launching from Kennedy Space Center, towards the moon.**



**The crew of Apollo 13 on the recovery ship after their capsule safely splashed into the ocean.**

## ***HAM THE MONKEYNAUT***

Ham was born in July 1957 to parents from West Africa, and at four years old, paved the way for Alan Shepard to become the first American in space.

Unlike other monkeynaughts before him, he was just not there for the ride. He was trained to complete many tasks during the flight. When he completed his task correctly, he was rewarded with a banana flavored candy!

Ham tested all the same equipment and followed the same flight path the first American in Space would do four months later. After a successful and safe flight, Ham spent most of his days at the National Zoo in Washington, D.C.

## ***FELIX THE ASTROCAT***

In 1963, the French Space Agency started training a team of Astrocats that would become the first, and only cats to ever fly in space. Felix, the first cat to fly in space, flew on October 18, 1963, and had a safe and successful flight.

Only a couple in the group of cats picked for training were able to fly in space. The cats came from the streets of Paris, and when brought indoors and fed, many became lazy and uncooperative! The cats that were not selected to fly in space were given away to families in France.



**Ham greeted with a handshake from the commander of his recovery ship.**



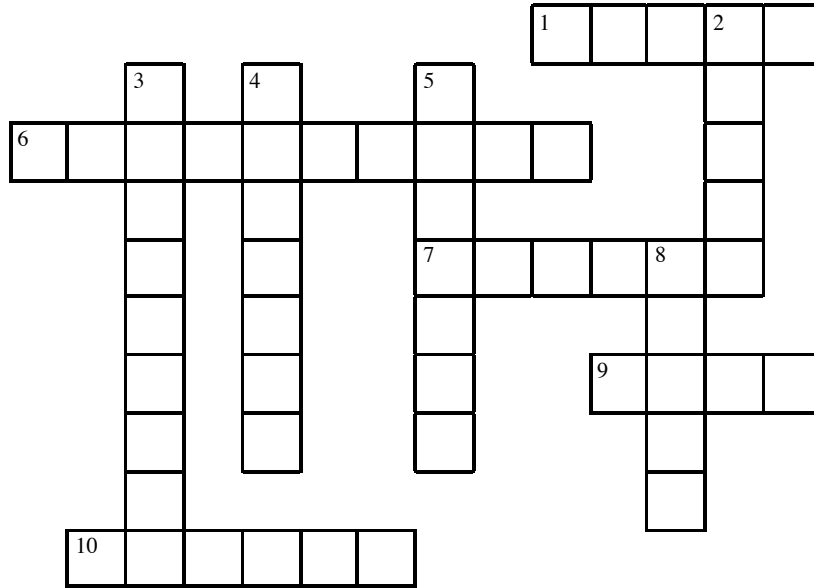
**Stamp commemorating the 10th anniversary of the first cat in space.**



**Team of French "Astrocats"**



# ASTRO CROSSWORD



## ACROSS

- 1 US State where Mission Control is located
- 6 Name for a monkey that travels in space
- 7 NASA program that brought man to the moon
- 9 Named John Glenn's Capsule
- 10 Felix's nationality

## DOWN

- 2 Name of your favorite newsletter
- 3 Name of newest space shuttle
- 4 \_\_\_\_\_ Space Center is where all American space flights launch from
- 5 First man in space
- 8 First dog in space

Check back next week for more!



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