



Global Friendship Through Space Education

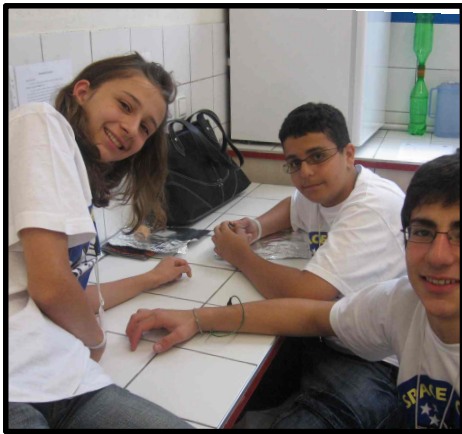
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ASTRO

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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 SEND
MESSAGES TO YOUR E-PAL AS
OFTEN AS YOU CAN!**

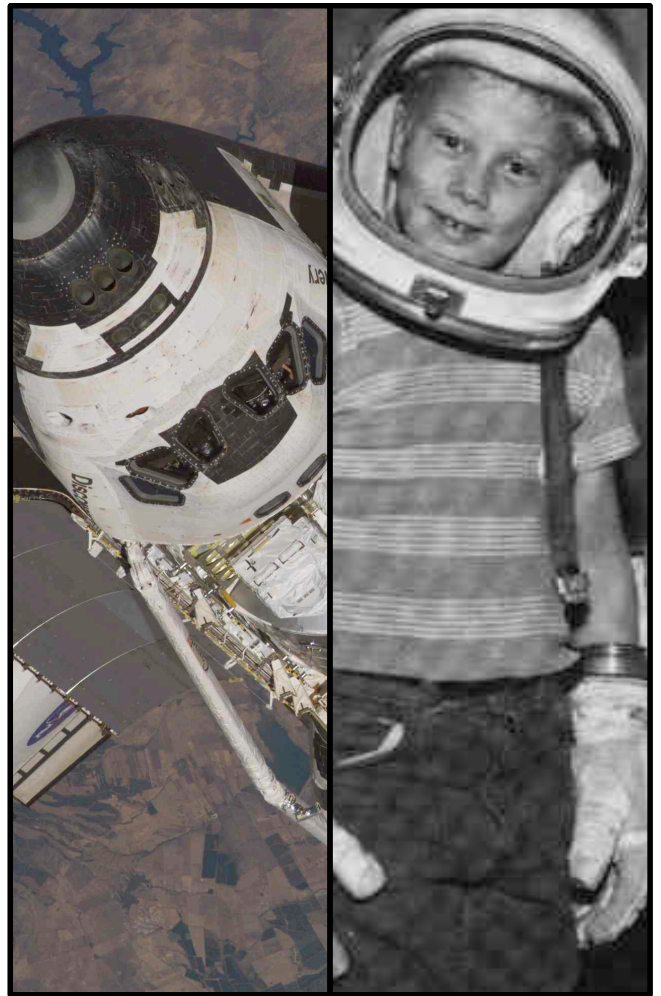
**DO YOU HAVE SOMETHING
YOU WOULD LIKE TO SEE IN
ASTRO? IF SO, ASK YOUR
TEACHER TO SEND AN E-MAIL
TO TYILDIRIM@GFTSE.ORG
WITH THE PHOTO, STORY, OR
LINK. YOU MIGHT JUST SEE IT
IN NEXT WEEK'S ASTRO!**

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

IN THIS ISSUE:

**PARTNER SCHOOL SPOTLIGHT:
TOYS IN SPACE**

ASTRONOMY PICTURES



PARTNER SCHOOL SPOTLIGHT: TOYS IN SPACE



SEV Elementary School in Izmir, Turkey, has been preparing for their latest video conference through NASA's Distance Learning Network by researching a classic NASA experiment, Toys In Space. With the help of counselors from Space Camp Turkey, the students at SEV were able to see how toys work here on Earth and how they work in space.

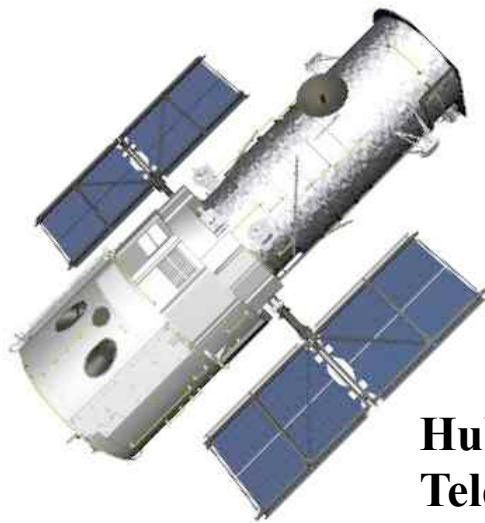


This experiment is one that was actually done in space by NASA astronauts during STS-54. As pictured left, they were able to take common toys found here on Earth like the yo-yo, ball and cup, slinky, paper airplane, and jacks and see how they worked in space. This was a very fun experiment for the astronauts. What kind of job lets you play with toys in space???

ASTRONOMY PICTURES OF THE WEEK



Europa, pictured left, is a moon of Jupiter famous for being very icy. Because there is ice on Europa, many scientists think that it's possible for microscopic life to be present on the moon. This picture was taken by the New Horizons spacecraft as it was flying past Jupiter. It took the picture from over 3 million kilometers (1.8 million miles) away!



**Hubble Space
Telescope**

Cygnus Loop, pictured right, was caused by a supernova star exploding over 15,000 years ago! This picture taken by the Hubble Space Telescope shows that this cloud is made up of many different types of gasses and dust. The temperatures in the nebula range from 10,000 to 60,000 degrees Celsius, or 18,000 to 100,000 degrees Fahrenheit!



SPACE WORDS:

Hubble Space Telescope- a famous telescope that takes pictures from space. It's much better take pictures from telescopes in space instead of those on Earth as there is no air or light pollution that blocks the images in space.

Microscopic- an extremely small object unable to be seen by the eye, you need something like a microscope to see it.

Supernova- an explosion in space that is extremely bright while releasing gas and radiation.

Check back next week for more!



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