



Global Friendship Through Space Education

YEAR 4  
ISSUE 12

May 24  
2010

# ASTRO

## The Partner School Science Program Newsletter

### The Last Videoconference for 2009 - 2010 School Year

The last videoconference took place on May 11, 2010, between Discovery School (Murfreesboro, Tennessee) and Beykoz Doga College (Istanbul, Turkey). The schools hooked up with NASA's Glenn Research Center to do a videoconference about Humans in Space with a NASA expert. Students from both schools were able to present their projects and ask questions to the expert.



### E-Pal Week at Space Camp Turkey

Another exciting E-Pal Week organized by Space Camp Turkey and the Global Friendship Through Space Education Foundation is on the way! It is a tradition for the organizations to arrange a special week for dedicated Partner School Science Program (PSSP) students and teachers.

This year's E-Pal Week will be held from July 4-10, 2010, with representatives from SEV Primary School (Izmir, Turkey), Lindsey Middle School (Long Beach, CA, U.S.A), Turk College (Izmir, Turkey), Acarkent Doga College (Istanbul, Turkey), Kartal Doga College (Istanbul, Turkey), Beykoz Doga College (Istanbul, Turkey), Atakent Doga

College (Istanbul, Turkey), Sariyer Doga Collge (Istanbul, Turkey), Sanko College (Gaziantep, Turkey), Isikkent College (Izmir, Turkey), Science And Knowledge (Karmiel, Israel), Shlomi's Center for Gifted Learners ( Shlomi, Israel), Hobgood NASA Explorer School (Murfreesboro, TN, USA), Miribal Sisters School (New York City, USA) and Chios, Greece.

E-Pal Week is always the highlight of the year with unusual content at Space Camp Turkey. In previous years, different opportunities have been provided to the PSSP students, such as talking with astronauts via ham radio while they are on the International Space Station, as well as meeting with a NASA expert or astronaut. These opportunities are life changing experiences that go beyond Space Camp Turkey's standard curriculum.

This year's special guest is Astronaut Charles D. Walker. He was the Chief Test Engineer and Payload Specialist for the McDonnell Douglas EOS commercialization project. Mr. Walker led the EOS laboratory test and operations team, developing biomedical products. His contributions to the program included engineering planning, design and development, product research, and space flight and evaluation of the CFES device. He was involved with the program support activities at Kennedy Space Center, Florida, and at the Mission Control Center in Houston, Texas. He was responsible



for training the NASA astronaut crews in the operation of the CFES payload on STS-4, STS-6, STS-7, and STS-8 shuttle flights during 1982 and 1983. In May 1986, Mr. Walker was appointed Special Assistant to the President of McDonnell Douglas Space Systems Company, working in Washington, D.C.

Mr. Walker has been extensively involved in payload preparation and on-pad processing support activities at Kennedy Space Center, Florida, and in flight support at the Mission Control Center, Houston, Texas. He was responsible for training the NASA astronaut crews in the operation of the CFES payload on STS-4, STS-6, STS-7, and STS-8 shuttle flights during 1982 and 1983. Con-

confirmed by NASA in 1983 as the first industrial payload specialist, Mr. Walker accompanied the McDonnell Douglas CFES equipment as a crew member on Space Shuttle missions 41-D, 51-D, and 61-B, accumulating 20 days of experience in space and

traveling 8.2 million miles. Aboard these Space Shuttle missions, Mr. Walker also performed early protein crystal growth experiments and participated as a test subject in numerous medical studies. Since 1986, Mr. Walker has served in various NASA study and review team capacities, including as a member of the NASA Microgravity Material Science Assessment Task Force, the NASA Space Station Office Quick-is-Beautiful/Rapid Response Research Study Group, and the NASA Space Station Operations Task Force. He has served on the national panels of the NASA/Industry Manned Flight Awareness Program and the NASA/Industry Education Initiative. <http://www.jsc.nasa.gov/Bios/PS/walker.html>

Mr. Walker is Senior Manager of Space Programs Business Development and Marketing with The Boeing Company Washington D.C. Operations.

In addition to hosting an astronaut guest speaker, E-Pal Week will also consist of many fun-filled educational activities such as astronaut simulators, Special Event Night when the students share their cultures with other participants, and Barbecue Night to celebrate the students' graduation.

*In two weeks you will receive your last Astro for the 2009-2010 school year. This will be your last chance to submit photos of your school and your projects. Send information to [tyildirim@gftse.org](mailto:tyildirim@gftse.org).*