



**Challenger**  
LEARNING CENTER



*Where learning is...mission possible!*

# Challenger Connection

Winter 2007  
Volume 1 Issue 2

## School Missions

The 2006-2007 school year missions are well underway! So far, we have had over 3,000 students flying to the moon, Mars or in search of comets. Reservations for the 2007-2008 school year will begin soon. We appreciate our charter school districts and look forward to providing quality programming for them again next school year.

If you know of schools who are not attending the Challenger Learning Center, please pass along what an outstanding program we have.



## Preschool Programs

The Challenger Learning Center is excited to present our newest program for preschool aged children. The program, which is an hour in length, is geared towards four and five-year-olds. Activities include learning about stars and constellations in our star dome, going on a star hunt in our mission control room, and doing a hands-on star project.

The cost for each one-hour program is as follows:

Up to 15 children:

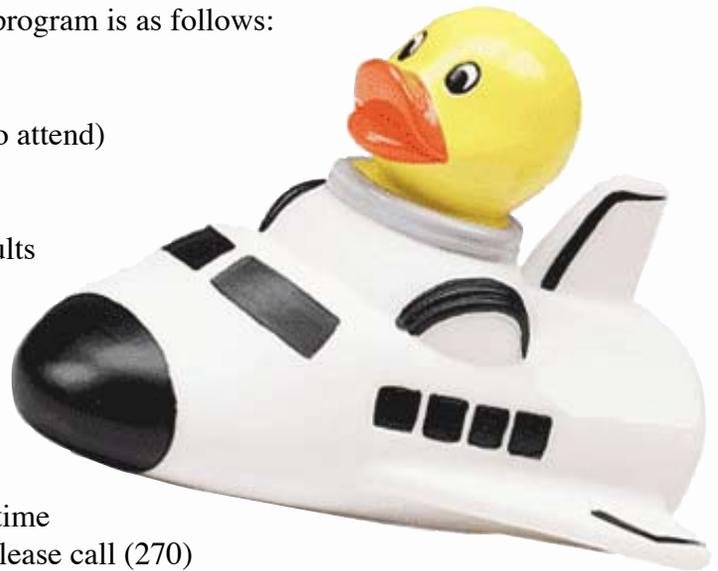
\$100 (Two adults required to attend)

16-28 children:

\$150 (minimum of three adults required to attend)

We will be offering this new program to schools, day care centers or larger groups beginning in April. Registration has begun and time slots are filling quickly, so please call (270) 534-3101 to reserve your spot today.

The mission of the Challenger STS 51L crew and of the Challenger Learning Centers across the world is to promote quality science and math education. By participating in a preschool program, your astro-tots may be inspired to become the first human being to live on Mars or travel to another galaxy.



We look forward to introducing the next generation to the wonders of space!

## Corporate Missions

Challenger Learning Center at Paducah offers unique corporate programs designed to promote teamwork, problem solving, decision making and communication skills. Employees and employers will perform tasks and face the same challenges as real NASA astronauts, scientists and engineers. The core activity for each program is a two-hour, hands-on space mission that takes place in a simulated space environment, including a space station and Mission Control. For more information about corporate missions, call (270) 534-3097.

## Simulator Upgrade

The Challenger Learning Center at Paducah will be conducting a total simulator upgrade in June. This upgrade will include all new computers and monitors, new 21<sup>st</sup> Century software and new graphics. Although the story lines of each mission scenario will not change, the station software will look very different. The “new and improved” simulator will be ready to go for summer camps and the 2007-2008 school year.



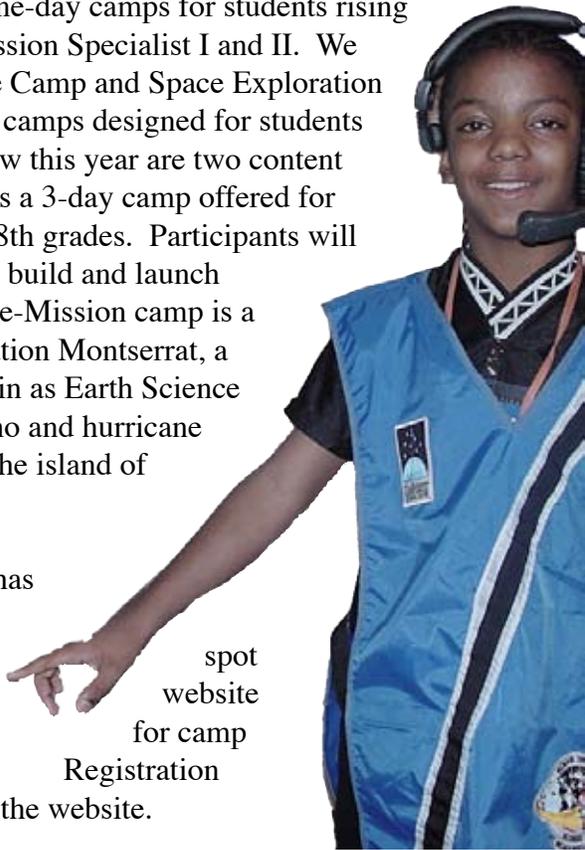
## DID YOU KNOW?

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- In 1992, Mae C. Jemison was the first African American woman to fly on the space shuttle.
  - In 1981, Columbia was the very first space shuttle to travel to Earth's orbit. John Young and Bob Crippen, the only two astronauts on board, served as commander and pilot.
  - All together, the space shuttle system including the orbiter, external tank and solid rocket boosters has approximately 2,506,450 parts.
  - All of the gas planets-Jupiter, Saturn, Uranus, and Neptune-in our solar system have rings.

## Space Quest 2007

The Challenger Learning Center is currently gearing up for its sixth year of summer camps. Known as Space Quest 2007, this year's summer camps will offer a wide variety of options in age levels, length and content. We will have our always popular one-day camps for students rising into 2nd - 4th grades called Mission Specialist I and II. We will also have Space Adventure Camp and Space Exploration Academy which are week long camps designed for students rising into 4th - 8th grades. New this year are two content themed camps. Rocket Camp is a 3-day camp offered for students rising into grades 6th-8th grades. Participants will learn the basics of rocketry and build and launch five different types of rockets. e-Mission camp is a 2-day camp that features Operation Montserrat, a mission where students will train as Earth Science Specialists that track the volcano and hurricane that are threatening to destroy the island of Montserrat.

Space Quest 2007 registration has begun, so get your camp forms in early to guarantee a spot for your child. Visit our website at [www.clcpaducah.org](http://www.clcpaducah.org) for camp prices, descriptions and dates. Registration forms can also be printed from the website.



spot  
website  
for camp  
Registration



## Support Opportunities

The Challenger Learning Center is looking for individuals and businesses who are interested in helping promote the importance of science and math education in our region.

Please contact Mellisa Duncan, Center Director, at (270) 534-3097 for more information on how you can support our future scientists and engineers.

## Subscribe to our Newsletter:

If you received this newsletter from a friend or colleague and would like to receive it on a regular basis, please send your e-mail address to [sarahj.davis@kctcs.edu](mailto:sarahj.davis@kctcs.edu).