



Where learning is...mission possible!

Challenger Connection

Winter 2010 Issue

Starlab

Many thanks to H.B. Fuller for a generous \$10,000 contribution to the center! We were able to purchase STARLAB, a portable planetarium that seats 30 people. The planetarium has several different programs including Night Sky, Constellations, Greek Mythology and even cell structure.

Programs are being developed for students of all ages. We appreciate the generosity of all our local donors, especially H.B. Fuller. Many students in our region will be inspired because of their help.



Club Challenger

Club Challenger is an after school club offered to students in 3rd-5th grades. The next session will start in February 2010 and meets once a month through May 2010. This session of Club Challenger will include exciting hands-on activities such as designing and building a launch pad, LEGO mania moon exploration, creating electronic circuits and spending time under the stars in our new portable planetarium-STARLAB. The cost is \$45 per student for all four sessions. Go to www.clcpaducah.org for more information about dates, times and registration procedures. Sessions fill quickly on a first come, first serve basis, so get your registration completed early!



Space is limited, so make sure to secure your spot quickly!



Trivia Night 2010!

The Challenger Learning Center will hold its fourth annual Trivia Night on February 5, 2010 at 7:00 pm. The cost is \$90 per table of six. Trivia will be ten rounds of questions in various categories. Prizes for the top three teams will be awarded. Light snacks and beverages will be provided. You are welcome to bring your own food and alcoholic beverages. There will also be a silent auction. All proceeds will benefit the center. For more details see the attached flyer or visit our website at www.clcpaducah.org. Call (270) 534-3101 to reserve your table.


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Astrotots

The Challenger Learning Center offers an Astrotot Program for preschool aged children. The program, which is an hour in length, is geared toward four and five year olds. Some kindergarten classes have also participated and have greatly enjoyed it. This year we have three program offerings: Cosmic Constellations, Mighty Magnets and Rockin' Rockets. Each program includes songs, stories and hands-on activities. Each student will also receive a take home space memento.

The cost for each one-hour program is as follows:
Up to 15 children: \$100 (2 adults required to attend)
16-28 children: \$150 (3 adults required to attend)

DID YOU KNOW?



The space shuttle program is set to retire at the end of 2010. The first shuttle launch was Columbia on April 12, 1981. Two shuttles were lost over the years, Challenger on January 28, 1986 and Columbia on February 1, 2003. Currently the shuttle fleet includes: Atlantis, Endeavour and Discovery. Only five more launches are scheduled in 2010. They are:

February 4- Endeavour
STS-130

March 18- Discovery
STS-131

May 14- Atlantis
STS-132

July 29- Endeavour
STS-134

September 16- Discovery
STS-133

Space Quest 2010

The Challenger Learning Center is gearing up for its ninth year of summer camps. Known as Space Quest 2010, this year's summer camps will offer a wide variety of options in age levels and interest areas. We will have our always popular one-day camps for students rising into 2nd through 4th grades called Space Discovery I and II. A three-day Rocket Camp will be offered for students rising into 5th-8th grades. Rocketeers will design, build and launch five different types of rockets. We will also have our two-day CSI (Challenger Special Investigators) camp for students rising into 5th-7th grades. Campers will unravel the mystery of the missing Mars rocks as they analyze a ransom note, fingerprints and other clues. Also, a three-day Robotics Camp for students rising into 6th-8th grades will be held in June. Campers will design, build and test a variety of robots. Mission to Mars will be a three-day camp for students rising into 4th-7th grades. Planetary astronauts will fly to the Red Planet in the simulator and then build and live in a colony on the surface of Mars.



Astrotot Camp for students rising into kindergarten and first grade will be offered again. Choose from Rockin' Rockets, Mighty Magnets (new) and Cosmic Constellations or attend all three.

NEW THIS YEAR

Expedition: Moon is a one day camp for students rising into 4th-7th grades. Students will fly to the moon in the simulator and explore what it takes for astronauts to survive there.

Dates, times, costs and other details are available on our website at www.clcpaducah.org.



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.