

SPRING BREAK

Space Workshops for Active Kids • March 2011

**Tuesday, March 15 or
Thursday, March 17
11:30am-1:30pm
Reservations Required**

H₂O Bottle Rockets

Can't get enough of water bottle rockets? Learn the history behind NASA rockets before launching your own water rocket in this two-hour interactive class. Participants will construct a water bottle rocket; attach fins and then blast off with water and 60 lbs. of air pressure.

**Wednesday, March 16 or
Friday, March 18
11:30am-1:30pm
Reservations Required**

Heat Shield Challenge

The next generation of passenger air travel at speeds faster than sound may start as soon as 2015. Your child has been selected to submit a design for the new surface shield used for these planes. In order to win the contract, they must build a shield capable of surviving the heat of reentry and extreme environments of earth's upper atmosphere.

Space Science Workshops

Kids, ages 6 to 14, are invited to discover fascinating facts about the worlds around us. Each session offers age-appropriate activities and is designed to "inspire, excite and educate" your child about the wonders of space and space travel. Each workshop is \$20 per session, per child. Pre-registration is required 623-322-2001.

Plan a Visit

A collection of artifacts and exhibits share the story of our country's history of space and flight travel. We welcome the opportunity to lead you on a guided tour through our building or you can enjoy a leisurely self-guided experience.

***Guided Tours**

Monday - Friday: 10:00, 11:00, 1:00, 2:00 and 3:00
Saturday: 10:15, 11:15, 12:15, 1:15, 2:15 and 3:15

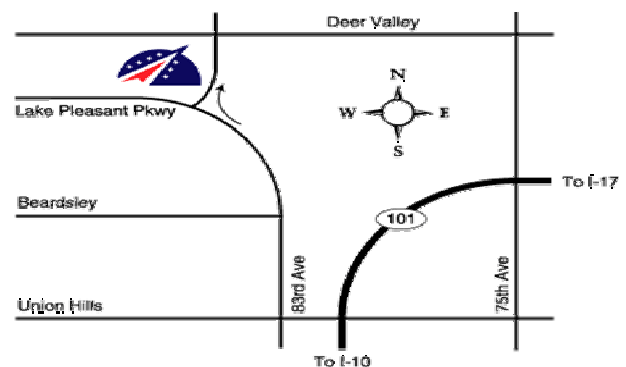
Self-Guided Tours Available during open hours

*Occasional special engagements may alter the schedule. Please call in advance to verify hours of operation and guided tour availability.

An Astronaut's Life: Articles Flown In Space

Come visit our brand new Smithsonian Institution exhibit featuring items on loan from the National Air and Space Museum in Washington, DC. The artifacts tell the story of how astronauts live in space.

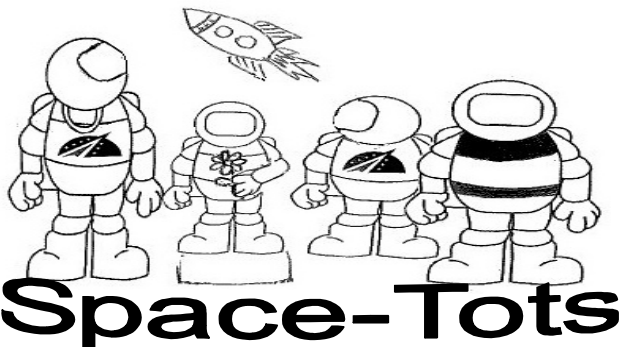
Made possible by a grant from the Tohono O'Odham Nation.



Galaxy Gift Shop

- ★ Fun toys starting at .05¢
- ★ Interactive, Educational Toys, DVD's
- ★ Books, Games, Apparel & Astronaut Ice Cream

All Gift Shop revenues help the Challenger Space Center, a non-profit organization improving educational opportunities for all.



9:30-11:30am, pre-paid reservations are required.
For more information visit www.azchallenger.org or call 623-322-2001. \$20 per child/parent pair for non members, \$15 per child/parent pair for members, \$5 per additional child. Each child must be accompanied by an adult. Space is limited to 20 children.

March 14th or 15th

Light & Rainbows Light is very important in space. Scientists use it to study the planets. Kids and parents will explore the many colors that are part of light and look at planets like scientists.

April 18th or 19th

Solids, Liquids & Gases The outer planets in the solar system are called gas giants. The inner ones are called the rocky planets. We will investigate the qualities of gases, liquids and solids to understand some of the different qualities of the planets.

Join us for Special Spring Break Matinee Missions!

"RENDEZVOUS WITH A COMET"

During this mission, team members will take part in a daring trek of exploration. Once again, Comet Encke will travel close to the Sun and Earth. This time, human space travelers, as well as space probes, will undertake scientific missions to the great comet. Team members in the Spacecraft and Mission Control must work together to rendezvous with the comet's tail, and successfully launch a scientific probe. Along the way, team members will also encounter many important tasks that need to be performed.

"VOYAGE TO MARS"

The time frame of this mission is sometime in the not-too-distant future, when humans have established a permanent base on Mars. Crew members will serve as the first crew on Mars and the relief crew en route to the planet. While on the Martian surface, the team will collect and analyze a great number of planetary samples and data. This information is vital to scientists for a better understanding of the planet Mars. Crew members will also gain an appreciation for the "luxuries" of planet Earth such as air, water and food as compared to a barren planet such as Mars.

\$19.50 per person

March 7th, 14th, 16th, 23rd & 25th ~ Rendezvous with a Comet ~ 2:00pm-4:00pm

March 11th, 18th & 21st ~ Voyage to Mars ~ 2:00pm-4:00pm

Prepaid Reservations required for ALL Missions ~ 623-322-2001

Not suitable for 2nd grade and under, 3rd & 4th graders must be partnered with ticketed adult

Spring Break
Matinee Missions