

Powerhouse Science Center Award

Two Rocklin Academy students have received regional awards for excellence in science and math.

Sixth-grader Kevin Chang participated in the Sacramento Regional Science and Engineering Fair at Rosemont High School on March 19. He placed first in the Powerhouse Science Center Award and third in the junior division under Energy and Transportation with his project titled "Solar Up!"

Chang measured which direction produced the most energy on solar panels and used the information to build a solar-powered backhoe vehicle to further test his hypothesis, according to a Rocklin Academy news release.

The Powerhouse Science Center Award includes a \$50 gift certificate to the Museum Store, a one-year family membership to the Discovery Science Museum

and an invitation for Chang to display his project at the museum. The Sacramento Regional Science and Engineering Fair is open to middle and high school students in nine Northern California counties.

Fifth-grader Shaurya Grover competed in the Elementary Sacramento Area Competitions in Mathematics on March 12 at Winston Churchill Middle School in Carmichael, earning top place with the highest individual math score for fifth graders. Grover also placed fourth in number sense and was a semifinalist in the head-to-head countdown for top student overall.

Rocklin Academy's math team — including Grover, Charley Holmes, Kristen Smyth and Cameron Ahyaee — qualified to compete in the May Math Leagues Competition
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Volunteer Appreciation Luau

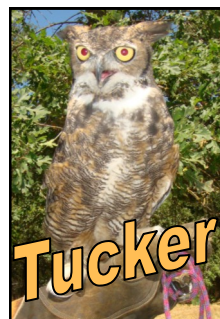
On Monday, June 13th, Table sponsorship for the Luau is only \$250. This sponsorship will provide accommodations for seven volunteers plus yourself and a guest. This is a great way for you or your business to make a tax-deductible charitable donation while still thanking our dedicated volunteers. Your sponsorship will be acknowledged with table signs and recognition in our members' newsletter. For more information, please contact Kathleen Galster, Special Events Coordinator at (916) 808-3942. E-mail: KGalster@powerhousesciencecenter.org



Our volunteers work extremely hard during the year in many capacities. Volunteers help with school programs, landscaping, office work, museum store, weekend activities, and so much more.

This is your opportunity to show your support for these wonderful people who help to make your museum experience enjoyable and more affordable.

Owl Prowl



Owls are one of the most universally recognized birds on Earth. They are known to be solitary and nocturnal. These birds usually hunt small mammals, insects, and other birds, although a few species specialize in hunting

fish. Owls are found in all regions of the Earth except Antarctica, most of Greenland and some remote islands. Living owls are divided into two families: the typical owls, *Strigidae*, and the barn-owls, *Tytonidae*.

There are over 200 species of owls, four of which live in Sacramento. Here are some fun facts on our local owls:

Sacramento native species include the Great Horned Owl, Barn Owl, Burrowing Owl and Western Screech Owl. (Listed in order of size from largest to smallest)

A collective group of owls is called a parliament. Burrowing Owls live in these

social groups.

The most common owl in Sacramento is the Barn Owl.

The Great Horned Owl is the most common owl of the Americas, easily recognizable because of the feather tufts on its head. These "plumicorns" resemble horns or, to some, catlike ears.

The Western Screech Owl does not screech, but instead uses a trill of hoots similar to a fast bouncing ball.

On June 11th and 12th, the Discovery Museum is highlighting our owls through a themed weekend, Owl Prowl. Guests meet Tucker, our Great Horned Owl, and Milo, the Screech Owl. Animal presentations are at noon and 2:00 pm. An owl craft is in the classroom for kids 12 and under (between 12:30pm-4:00pm).



Fun on the Fourth

This Fourth of July, celebrate America's Independence with your favorite science museum. For its second year in a row, The Discovery Museum Science & Space Center is running a TNT- safe & sane Fireworks booth.

The stand is located right here in the Museum parking lot, so you can enjoy a day at the museum with your family and pick up your fireworks on your way home.

Firework sales begin on June 28th from 10am-10pm and run until the evening of July 4th. Show your love of science this 4th of July and support the museum as you celebrate!



I WANT YOU... To purchase your Independence Day Fireworks at the Discovery Museum!

The Next Frontier: Engineering the Golden Age of Green



The Next Frontier: Engineering the Golden Age of Green cuts through the debate about global warming and climate change. Instead, it focuses on the renewable, clean energy technologies that can improve our future and create significant economic opportunities.

This entertaining one-hour documentary takes the viewer around the world in search of technologies and policies that will address the serious problem of excessive carbon dioxide

emissions and our dangerous dependence on foreign oil.

Host Becky Worley of ABC's Good Morning America travels to Samsø Island, Denmark where towering windmills stand in stark contrast to fields of bright orange pumpkins. There, ordinary people are changing the way they use energy, resulting in free power, free heat and money in their pockets.

But can Americans do the same? Becky visits Greensburg, Kansas, a town that's going green from the ground up after being nearly destroyed by a tornado. A trip further into America's Heartland discovers green technology changing the face of manufacturing. Employees who once built gas guzzlers now create

electric batteries.

The Next Frontier features interviews with some of the top energy and economic experts along with educators and high-level government officials, all striving to develop clean energy solutions and alternatives to burning fossil fuels.

From tidal turbines in Ireland to concentrated solar plants in California, *The Next Frontier* takes you on a global journey in stunning high definition. The film is enhanced by the educational and entertaining animation of Emmy Award-winner Charlie Canfield.

The Next Frontier has been nominated for four regional Emmys and is available for purchase inside the museum shop.

BUCK di BEPPO, Curves Smart, QUIZNOS SUB MMMM...TOASTY!, The Paper Garden by Stephanie Nishikawa, DISCOVERY MUSEUM Science & Space Center Members Welcome www.TheDiscovery.org, Color Me Mine, The Art Of Having Fun., Big Spoon Yogurt, JIMBOY'S TACOS

Participating Merchant Partner

For a complete listing of Participating Merchant Club business locations, please visit our website at www.TheDiscovery.org.

Challenger Learning Center 2011 Community Mission Schedule

(For ages 9 and above!)
Select Fridays 5:30pm-8:30pm

Pre-registration is required:

- \$20 for non-members
- \$15 for members

2011 Mission Dates:

- ✓ June 17th (Mars)
- ✓ Oct 28th (Mars)
- ✓ Dec 16th (Comet)
- ✓ Feb 17th, 2012 (Mars)
- ✓ April 13th, 2012 (Moon)



For more information, please visit www.thediscovery.org or call (916) 808-3942 to make a reservation!



Discovery Museum
Science & Space Center
3615 Auburn Blvd.
Sacramento, CA 95821
Phone: 916-808-3942
Fax: 916-808-3925

afantasia@powerhousesciencecenter.org

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We're on the Web at
www.thediscovery.org



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Science Discovery Weekends

Saturday & Sunday 12:30pm to 4pm



THIS MONTH: CELEBRATING SCIENCE
MILESTONES OF THE 1970'S

JUNE 4TH & 5TH - ROVERS ON THE MOON

The Lunar Roving Vehicle made its first appearance on the Moon in 1971. It was a battery-powered four-wheeled rover used during the last three missions of the American Apollo program. Each visiting family is challenged to build a "moon buggy" of their own this weekend, using supplies furnished by the Museum.

JUNE 11TH & 12TH - OWL PROWL

Whooo's ready for a fun weekend? The Discovery Museum Science & Space Center is presenting an Owl Prowl. Meet the museum's two owls, Tucker (the Great Horned Owl) and Milo (the Western Screech Owl). They visit with guests at noon and 2:00pm. Visitors under the age of 12 can enjoy an owl-themed craft.

JUNE 18TH & 19TH - SUN STORMS!

The Discovery Museum Science & Space Center is

celebrating 60 years of sensational science milestones that have occurred during the decades. One such momentous occasion was the discovery of coronal mass ejections (CMEs), or a storm upon the surface of the Sun. It is the solar equivalent of a hurricane on Earth. Kick off summer by learning about this amazing phenomenon in our classroom and planetarium. Glitter sun banners are the craft this weekend.

JUNE 25TH & 26TH - MISSION TO MARS!

In 1976, the Viking Probe sent back the first color photos of another planet - Mars. Learn about the red planet in our *Space Quest!* exhibit and in our themed classroom. A vintage Mars movie is playing for your family to view.

SUPPORT THE MUSEUM, PURCHASE YOUR 4TH OF JULY FIREWORKS AT THE DISCOVERY MUSEUM STARTING THE WEEK OF JUNE 28TH!



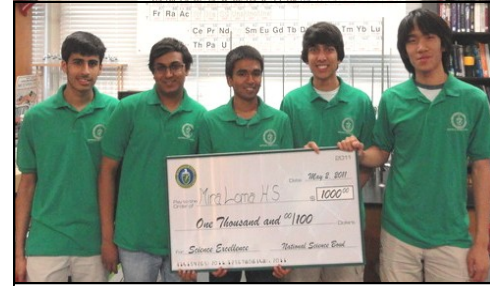
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A Discovery Museum Science & Space Center Newsletter



National Science Bowl Victory



Mira Loma Science Team — Anish fourth from the left

Discovery Museum Science & Space Center for several years. From providing a voice for Cosmos, our robot ambassador, to helping visitors with our weekend science activities, Anish is destined for great things.

Mira Loma won the championship after racking up an overall 8-1 record, defeating Maryland's Montgomery Blair High in the final round. The tense final round late Monday (May 3rd), at the National Building Museum in Washington DC, included several trade-offs in the lead before Mira Loma finally prevailed 64-40.

For their victory, the five Mira Loma students and their veteran coach, James Hill, get a trip in July to the University of Sydney in Australia as well as a \$1,000 award for the school's science program.

The Sacramento students also won a school plaque, the all-expense paid trip to Washington, D.C., and some sweet memories that include defeating some of the nation's most esteemed high schools. In the future, Anish plans to study aeronautical engineering at the University of California, Berkeley.

The Discovery Museum congratulates Anish Khare and his team from Mira Loma High School for winning the National Science Bowl.

Anish has been volunteering with the

Bids For Kids



silent and live auctions with a variety of donations that ranged from exotic vacation getaways, premium wines, restaurant gift cards, theatre and sporting event tickets, and much more.

All proceeds from "Bids for Kids" went toward building the Powerhouse Science Center, which will cost an estimated \$50 million and has nearly completed its pre-construction phase. The 60-year old

The Powerhouse Science Center was selected as the recipient for the Rotary Club of Sacramento's 27th annual "Bids for Kids" charity event on Saturday, May 14.

This elegant evening of fine food and drink was held at Sacramento's Discovery Museum Science & Space Center. The night, which was hosted by Marianne McClary, morning TV anchor on "Good Day Sacramento," included a cocktail hour, dinner and

Discovery Museum Science & Space Center is scheduled to become the Powerhouse Science Center in 2013.

"Thanks to the generosity of the Rotary Club of Sacramento, we're really looking forward to hosting an elegant community event that will benefit a great cause," said Michele Wong, Interim Executive Director for the Pow-

erhouse Science Center. "It's a fun evening with great food and wine, and will give our guests a wonderful opportunity to showcase the many interactive ways we plan to help educate students about science."

An unprecedented event for guests, the Discovery Museum showcased its new interactive Space Quest! exhibit and the recently opened Robotics Lab, which will be part of the Powerhouse Science Center when it opens in 2013.

For more information on the Powerhouse Science Center, including how to become a Founding Partner, visit www.powerhousesciencecenter.org.

