Congratulations to the 2012-13 CRS Science Super Stars!

More than 60 individual teachers, with over 1,500 students in their classrooms at 15 schools, successfully completed this year’s CRS Science Super Star Challenge.

Three schools successfully involved almost all teachers at their site in completing the challenge, earning the Science Super Star School recognition as well! Congratulations to Oakland Unified’s Chabot Elementary, Lafayette Elementary and PLACE@ Prescott Elementary, our 2012-2013 Science Super Star Schools!

The CRS Science Super Star Challenge acknowledges (and rewards!) the teachers and whole schools who successfully demonstrate a commitment to ensuring that each of their students receives high quality science education experiences. The Challenge sets out a series of carefully crafted best practices, including requirements for hands-on investigations, reading and writing assignments with science content, participation in-school or on field trip based learning experiences, and using CRS support services. Teachers also participated in professional development or science planning with colleagues, and submitted documentation of student science learning.

CRS is pleased to acknowledge all of the individual classroom teachers from the following schools for excellence in science education:

- **Lafayette Elementary, Oakland**: Principal Eddie Scruggs-Smith. Teachers: Byron Delcomb, Corrigan Malloy, Russell Cohen, Gloria Williams, Angelina Gilyard-Shyne, Sharon Travers, Arvelia Hayden, Carmen Hendon, John Morgan
- **PLACE @ Prescott, Oakland**: Principal Enomwoyi Booker. Teachers: Lorraine Mann, Cicely Day, Claudine Wright, Janina Ivester, Linda Fox, Adriana Guadarrama, Constance Cobb-Zunino
- **Chabot Elementary, Oakland**: Principal Jonathan Mayer. Teachers: Miranda Carrow, Joon Yeider, Danny Nagatani, James Harrison, Jennifer Brackett, Darlene Perdistatt, Kyle Wong, Deborah Flanagan, Amy Moscato, Phoebe Diamond, Brennan Agajan, Celia Bermeo, Doshia Battiest, Leslie Rychel, Meghan Shaughnessy, Andrea Trautman, Pearl Rapson, Laura Shield, Daniel Villareal, Anna Forward, Dianna Schonfield
- **Berkeley Arts Magnet, Berkeley**: Kristine Fowler
- **Bridges Academy at Melrose, Oakland**: Ann Park, Candie Camp, Jessica Jung, Rosa Kurshan-Emmer
- **Burckhalter Elementary, Oakland**: Lille Hayes-Staples, Lisa Capuana Oler, Meghan Whitacre, Candace Harper
- **Community United Elementary, Oakland**: Linda Selph
- **Encompass Academy, Oakland**: Liz Cruger
- **Howard Elementary, Oakland**: Randy Sherren, Mary Hill, Colleen Shepherd
- **Laurel Elementary, Oakland**: Lise Yskamp
- **Lincoln Elementary, Oakland**: Allison McGuirk
- **Martin Luther King Jr. Elementary, Oakland**: Lindsey Smallwood
- **New Highland Academy, Oakland**: Tracy Dordell, Joanna Davis
- **Oakland Elementary, Berkeley**: Jaime Vines, Jacqueline Omania
- **Parker Elementary, Oakland**: Kathryn Mapps

Whole school prizes have been generously provided by: The East Bay Regional Parks, Rock Steady Juggling with StopWaste.org, The Clorox Copany, and Bay Area Puma Project through the Felidae Conservation Fund.


A full list of funders and community business partners can be found on page 3 of this newsletter.
Spring Renewal
A Dedication to Science Education

This Spring is a time for re-evaluation in science education. On the national and state levels, new science standards hold a promise – and a challenge – for bringing greater science learning opportunities into elementary classrooms. For CRS, this is also a time to consider anew our priorities and map out strategies for having the greatest impact over the coming years.

As we adapt to the changing needs of teachers and science education partners, we also rededicate ourselves to the core of our mission at CRS – connecting teachers, students, scientists, and other partners in an innovative web of science learning.

We do this because we believe all children should have access to exciting science learning experiences in school that build on their natural curiosity about their world because science is a gateway to the future.

We also believe diverse, enthusiastic scientist and engineer role models of all genders and backgrounds have tremendous power to break down stereotypes and to inspire children to imagine new possibilities for themselves and discover new interests to explore.

Too often, science has been missing from the elementary school day, especially in schools serving low income and minority students. We have been heartened by recent changes in the schools we serve, particularly in Oakland, with an increasing focus on meaningful science. We are happy to support teachers and principals in bringing about this change.

We know early science learning experiences have lasting impact, helping students to become scientifically literate citizens and engaged learners. Through science investigations, students develop creativity, critical thinking, problem solving, and communication skills.

Since 1997, CRS has been providing elementary teachers with tools, information, and resources they need to teach science well. Our BASIS scientists and engineers present exciting, standards based science lessons that connect classroom learning to “the real world”. They also share about their field research or lab experiments, and what interested them as kids, introducing science is a cool career.

Whatever changes come with the new standards, CRS will be there with the over 1,000 teachers we serve, navigating the clearest path possible through a maze of conflicting information and uncertainty toward ever stronger practices of science teaching and learning for all students.

Without great early science lessons and diverse scientist role models, the next Einstein sitting in a 3rd grade classroom might never realize she is someone who is good in science!

--From the ED
Thank you to our Partners, Donors & Supporters

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- Ruby's Garden Local-Grown Kidwear
- Sweet Dreams
- The Cheesecake Factory
- The Lounge Nail Spa
- The Tech Museum of Innovation
- The Treehouse

**Individuals:**
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(Reflecting current school year, since Sept. 1, 2012)

Thank you to the friends and family of Dan Murphy for their generous contributions in his memory.

Left: A strawberry DNA extraction done during the DNA Discovery BASIS lesson for a 5th grade Oakland class.
Teachers eager to learn about glass blowing, welding, casting sculptures, and other industrial arts flocked to The Crucible in Oakland for the Spring installment of CRS’s Field Trips for Teachers series. In addition to watching craftsmen and women in action during a special tour of the expansive studio space, teachers learned about the many programs for students, teachers, and classroom field trips offered by the Crucible.

Before the tour, teachers wined and dined, enjoying a tasty buffet that included pizza, fruits and veggies, and desserts, while networking with colleagues. Representatives of East Bay Regional Parks, The Oakland Museum, Chabot Space and Science Center, Stepping Out Stepping In, and The Crucible, were on hand to present information about their upcoming and ongoing programs for in-class presentations, field trips, teacher professional development, online resources, and more.

Because teacher-to-teacher sharing is incredibly valuable, we thank Oakland teachers Cicely Day and Lorraine Mann of PLACE@Prescott and Juli Ward of Chabot Elementary for sharing their insights during a panel discussion of how the CRS Science Super Star Challenge has encouraged them and their colleagues to bring engaging science lessons to their students this year.

The teachers shared some of their best strategies for successfully weaving science into their classrooms. Ms. Day uses “gallery walks” to introduce topics with visuals, and creatively incorporates brief video and other online content using iPads or other technology. Ms. Mann refers to science time as “science lab” and intentionally leaves science related tools such as droppers and magnifying lenses out for free time exploration so that students are familiar with them and use them confidently during investigations.

Ms. Ward shared that having the Science Super Star tracking poster as a guide enabled her to help colleagues realize how much science they already do across the curriculum, in reading and writing assignments related to science investigations. She added that seeing Ms. Mann’s success with the program last year encouraged her to work with her colleagues at Chabot Elementary this year.

Industrial arts provide a great connection between science and art, and teachers – echoing the sentiments of their students after a great assembly – agreed: “the Crucible is so cool!” To learn more about field trips, classes, and other program, visit www.thecrucible.org

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**CARS by the Numbers**

So far during the 2012-13 school year:
- **1,032** teacher members, working with over
- **25,800** students at
- **113** schools
- **578** scientist volunteers
- **405** lesson presentations
- **10,100** students doing hands-on science

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**Attention Teachers!**

Annual Volunteer Appreciation

What’s a fun way to celebrate another year of visits to nearly 400 classrooms and leading science activities for over 10,000 students? Why, a relaxed celebration with good wine and beer, delicious food, and a brain-tingling pub quiz, of course!

Thanks to the tremendous generosity of the ClifBar company and the ClifBar Family Foundation, CRS was delighted to host our annual BASIS Volunteer Appreciation Event at Clif Bar’s beautiful Emeryville headquarters in late April. BASIS Volunteers and friends celebrated another successful year of hands-on science in classrooms.

This year we recognized the members of the BASIS Steering Committee for their efforts with volunteer recruitment, hosting coffee hours, and planning throughout the year. In particular, we said a special thank you to our outgoing Steering Committee members who will be moving on to new positions far from Berkeley this spring: Miriam Bowring, Gautham Venugopalan, Kristen Seim, and Seychelle Vos. These four have been with CRS for over 5 years and been integral to the growth and success of the BASIS program.

(Read spotlights about our Outgoing Steering Committee Members by visiting our website: http://www.crscience.org/volunteers/volunteerspotlights)

Please help keep science thriving in local schools!

Consider these examples of what your donation could do this year

<table>
<thead>
<tr>
<th>Donation Level</th>
<th>Description</th>
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<tbody>
<tr>
<td>$75</td>
<td>One science visit to a class of 25-30 students</td>
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<tr>
<td>$100</td>
<td>Customized support for 10 teachers, impacting science learning for 250-300 students</td>
</tr>
<tr>
<td>$250</td>
<td>Training sessions for 10-15 volunteers</td>
</tr>
<tr>
<td>$500</td>
<td>Field Trip for Teachers Event</td>
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<tr>
<td>$1,000</td>
<td>Workshop stipends for educators</td>
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<tr>
<td>$1,500</td>
<td>“Day of Science” event for the entire 6th grade at one school</td>
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To make a donation, go online to www.crscience.org/donate OR mail your check and the form below to: Community Resources for Science / 1611 San Pablo Ave. Suite 10 B / Berkeley, CA 94702

Name: __________________________

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I/we would like to be acknowledged as follows: __________________________________

To honor a specific teacher, please tell us his/her name, school, and address: __________________________________

From the Appreciation Wall:
“I appreciate OUSD teachers because their job is hard and they still put in the efforts for kids and science”

“I appreciate Terry for her many years of involvement in BASIS and her ability to design and execute lessons for Kindergarten”

“I appreciate Katie & Sarah’s hard work leading SECO”
Oliver Ranch Art & Wine Tour
May 11, 2013. RSVP Today!

Join us for this special opportunity to see outdoor art installations on the Sonoma County ranch of collector Steve Oliver (former board member of the San Francisco Museum of Modern Art).

Some of these artworks are also incredible feats of science and engineering! We’ll enjoy a 2 hour stroll, followed by a catered lunch and reserve wine tasting at Clos du Bois winery. Round trip luxury chartered bus transportation is provided from Berkeley, so we can relax and enjoy the day!

Ticket price is $150 per person. Proceeds go to supporting our work in opening the doors to science for the teachers and students in local elementary schools.

Learn more, share with friends & colleagues, and purchase tickets here: http://crsoliverranch.eventbrite.com

Hope to see you on May 11th!