Science Resource Guide - Fall 2014

CRS prepares and sends the Science Resource Guide three times a year to keep you apprised of science education happenings around the Bay. The guide includes information on: Professional Development, Program Deadlines, Grant Deadlines and Temporary Science Exhibits. Next issue—February 2015.

Find this guide online at www.crscience.org/ResourceGuideFall14.pdf

The Field Trip for Teachers at the Lawrence Hall of Science

On October 2, the Lawrence Hall of Science hosted us for an evening of science learning and fun. While noshing on pizza and sweets we learned about programs the Hall offers to teachers and schools. We found out about the history and future of FOSS kits for in class science. The Bay Area Science Project shared about their Saturday Seminars in partnership with Bay Area Math Project and Bay Area Writing project. We also got to experience some of the student field trip fun in the chemistry and engineering labs. Afterwards the exhibits were open to wander through and enjoy.

For more information on programs at the Lawrence Hall of Science go to www.lawrencehallofscience.org/programs_for_schools

Look for invitation for our next Field Trip for Teachers in the Spring!

Take the Science Super Star Challenge

Is your classroom ready to take the challenge? Or maybe your whole school ready to take the challenge?

- Teachers, do you enthusiastically bring science experiences across the curriculum into your classroom?
- Do all your students participate in hands-on lessons and read and write about science?
- Do you and your colleagues collaborate to bring engaging science experiences to their classrooms?
- Does your school's staff take full advantage of the services that CRS provides to them?

We want to reward you for the science teaching and learning happening in your classrooms and schools. We have partnered with publishers and local science program providers to bring you classroom sets of nonfiction science books, school-wide assemblies, classroom field trips, and many more great prizes!

To see last year’s winners and to find out how to complete the challenge this year go to www.crscience.org/educators/SSSprogram Print out the Science Super Star Application form. Start filling out information about the lessons your class has completed. Fill in all the boxes and turn it into CRS by March 31, 2015.

To Contact CRS - Call 510-527-5212 or email CRS@crscience.org
Bay Area Science Festival 2014— October 23 to November 1, 2014

The 4th Bay Area Science Festival Returns bigger and better than ever! This year’s schedule is full of events all over the Bay Area. There is something for everyone age level and in a wide variety of topics and formats. Check out the full schedule of events at www.bayareascience.org. The Bay Area Science Festival is a great chance for you and your students and their families to find fun, free science activities.

You will find CRS and our wonderful BASIS volunteers at the following events.
- October 23 - 3pm-7pm - North Berkeley Farmer's Market - Shattuck @ Rose St.
- October 25 -10am-3pm - Downtown Berkeley Farmer's Market · Center St @ MLK
- October 26 - 10am-3pm - Temescal Farmer's Market - 5300 Claremont Ave. · Oakland
- October 28 - 2pm-6:30pm - Lorin (South Berkeley) Farmer's Market - Adeline & 63 St
- November 1 - Discovery Days at AT&T Park

Behind the Scenes in Berkeley Natural History Museums
October 24 @ 4:00 pm - 5:30 pm | Free - Did you know that UC Berkeley has 6 Natural History Museums that hold 12 million specimens and represent the most complete collection of specimens of living and extinct organisms of California? Get a behind the scenes look in the collections which are normally closed to the public, including the Essig Museum of Entomology, the UC Berkeley Museum of Paleontology, Jepson Herbarium, and the Museum of Vertebrate Zoology. This event is First Come, First Served. Please arrive early to secure your spot as the tour will be limited to 20 people.

Partial Solar Eclipse
October 23— 1:45- 4:30pm; peaks at 3:15pm

Safe Eclipse Viewing – Don’t look with your naked eye! You must use special equipment. The Exploratorium has a great how to website on solar viewing. http://www.exploratorium.edu/eclipse/how.html
You can purchase special eclipse viewing glasses in the Lawrence Hall of Science store.

Where to go view the eclipse:
- Lawrence Hall of Science - http://www.lawrencehallofscience.org/visit/events/partial_solar_eclipse_2014
- Chabot Space & Science Center - http://www.chabotspace.org/eclipses.htm

Not Receiving our Emails?
We send out a monthly e-NewsBlast and invitations for BASIS scientist volunteers via email. If you aren’t receiving these emails it means one of two things

1. We don’t have an active email for you—Please email us at CRS@crscience.org to let us give you our best email address.
2. Our emails may be hiding in your junk mail folder. Please add Community_resources_for_science@mail.vresp.com to your contact list

Invite CRS to a Staff Meeting!
Sign up Now! Whether you'd like a brief 15-minute overview of CRS services or a more extensive professional development presentation, we can focus on the questions that matter to you, including:

- How do I get help finding lesson ideas, field trips and in-class programs, grant opportunities, and materials?
- How do I get BASIS scientist volunteers in my classroom?
- How can we link the Common Core Standards with the Next Generation Science Standards?
- What can we start planning for a science fair or family science night?
- Kick off your school year with getting your whole staff involved in the CRS Science Super Star Program.

CRS will come present a one-hour workshop to introduce engineering in the elementary setting -- it’s not just about building bridges! Learn some fun and engaging projects that you do in your classrooms. And about resources for exploring further.

Check your calendars and give CRS a call.
Grant Writing Tool Kit

CRS Science Grant List - http://www.crscience.org/catalogs/TeacherGrantsCatalog.pdf  - We update this list monthly in order to keep you informed of upcoming deadlines. There is a wide range of places to find money for different kinds of projects and experiences.

Crowd Source Funding - There are a number of crowd funding sites you can use to post project needs and get them funded.

- **DonorsChoose.org** – Probably the best known site and is used by many local corporate donors (like Chevron) as the location they look to for education spending.
- **Berkeley Public Schools Fund’s Friends and Family** - is a great place to post your project ideas and look for crowd sourced funding.

Creating Your Project Wish List— Don’t forget to add a few additional tools items to your shopping list that you can use in all kinds of units

- Always add a book or two to your classroom library.
- Add general science tools like notebooks, thermometers or hand-lenses to your list. See the **CRS list of General Science Tools** [http://www.crscience.org/pdf/GeneralScienceTools.pdf](http://www.crscience.org/pdf/GeneralScienceTools.pdf) for more ideas.
- If you don’t have a camera for documenting things in your classroom, add it to the list. There are some decent digital cameras for about $100.
- Add some items from the **CRS Engineering Lesson Tool Kit**. [http://www.crscience.org/pdf/EngineerToolKit.pdf](http://www.crscience.org/pdf/EngineerToolKit.pdf)

Get the word out to EVERYONE you know. Many of your friends and family would love to help you and your students, but don’t know how to do it.

- **Add your project link to your email signature.** "Check out my classroom projects at (add your project url)" Parents, colleagues, friends and family can see what she needs in her classroom to do her projects.
- **The PTA wants to know what you need in your classroom.** Share your link with them. Let everyone know about your projects!

CRS website – A Wealth of Resources

**Helpful Reports** [http://www.crscience.org/educators/helpfulreports] - We have resources sorted by grade level and content area.

- Program reports – Provide information on local in-class programs, assemblies and field trips.
- Website reports - Find activities and background information for you, online activities for students, videos and more.
- Sample Materials report – Lists an assortment of books, tools, specimens, videos, games and models that can help extend your science units.

**Literature Connections** - [http://www.crscience.org/educators/scienceliterature] - This page has a collection of resources on the web to help you find both fiction and nonfiction books that will compliment your science unit. We have also included a grade level list of some of our favorites.

**Next Generation Science Standards** – [http://www.crscience.org/educators/standardssupport] - We are always adding to this collection of web pages and more science resources for NGSS are created. A good place to start is on the NGSS Practices page [http://www.crscience.org/educators/practices]. Some of our favorite resources for NGSS are BozemanScience webpage [http://www.bozemanscience.com/next-generation-science-standards/] and the NSTA webinars webpage for upcoming and archived resources [http://ngss.nsta.org/nsta-products-and-services/]


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Program Deadlines

October 2014
10/31/2014  Deadline -The Mickelson ExxonMobil Teachers Academy Summer Camp  National Science Teachers Association
Grades:  3rd;4th;5th  
http://www.sendmyteacher.com/

November 2014
11/23/2014  Sign ups for Hybrid Ferry Scholarships ENDS  Aquarium of the Bay
Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.aquariumofthebay.org/teachers/bay-area-k12-programs/hybrid-ferry-program

December 2014
12/1/2014  Lottery Deadline for Winter & Spring Fieldtrips  East Bay Regional Park District
Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.ebparks.org/activities/educators/trips
12/10/2014  Spring Field trip Lottery ENDS date approx  SF Botanical Garden & Strybing Arboretum
Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.sfbotanicalgarden.org/ye/index.html

January 2015
1/1/2015  2015 Deadline to apply Summer Teacher Institutes  Library of Congress
Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.loc.gov/teachers/professionaldevelopment/teacherinstitute/apply/index.php
Professional Development

October 2014

10/9/2014  Garden Tours Open House for Educators  UC Botanical Garden
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://botanicalgarden.berkeley.edu/
Cost  free
Stipend:
The Garden will host a Teacher Tour & Special Viewing of the Foods of the Americas Exhibition on Thursday, October 9 from 3:30 - 5 pm. Come view the Foods of the Americas exhibit and marketplace with guidance from UC Botanical Garden docents from 3:30 - 4 pm. At 4 pm embark on our popular California Natives: Plants & People tour with highly trained docents. Interact with tour materials, such California Indian ‘artifacts’ made from plants. Learn about UCBG docent-led tours and in-class programs, as well as teacher professional development opportunities. Admission is FREE for educators. Payment is required to park or take the UC Berkeley Hill Shuttle. Directions are on our website here. Please RSVP to gracew@berkeley.edu or 510.643.7265.

For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost  FREE
Stipend:
3:30-5:00 p.m PDT -Have you ever wondered how the monarchs’ overwintering sites in Mexico were discovered? Learn about this and more in this web seminar about monarchs and citizen science.

10/10/2014  Tour 10:00AM  Lighthouse Community Charter School
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.eventbrite.com/o/lighthouse-creativity-lab-5950964179
Cost  FREE
Stipend:
Tours are a great way to see what making looks like integrated into a classroom. We will discuss the Lighthouse Creativity Lab program, see making in at least one K-12 class, answer questions, and hear a little about your plans.

10/11/2014  Modeling Connections between Next Generation Science and Common Core  Resource Area for Teachers (RAFT)
For Grades:  3rd;4th;5th;6th;7th;8th
http://www.raftbayarea.org/workshops
Cost  FREE for members; $15 for non-members
Stipend:
The needs of the 21st century require solutions from innovative people who possess practical scientific and mathematical knowledge and the necessary skills to apply it. Mathematicians, scientists, and engineers are connected through the activities they do within their disciplines. This workshop focuses on the connections between the math, science, and engineering practices embedded within the Next Generation Science Standards (NGSS) and the Common Core State Standards for Mathematics (CCSSM). The instructors will demonstrate how to identify specific practices using RAFT activities and then model how to build meaningful connections between the practices in science, math, and engineering. Participants will learn to identify the practices and provide examples of their application through hands-on activities, group discussion, and other useful tools.
10/11/2014  The Sweet Side of Chemistry--Candy  
For Grades:  4th;5th;6th  
http://www.raftbayarea.org/workshops  

Cost  FREE  Stipend:  

(Mission College, Chemistry Building, in Santa Clara)  
Join the Santa Clara Valley Section of the American Chemical Society to celebrate National Chemistry Week 2014 with the chemistry of candy and confections. We all love a sweet treat, but rarely do we discuss the chemistry involved. Whether it’s hard candy, chocolate, or taffy, the sugars and ingredients within undergo a transformation in its properties that result in the delicious treats we enjoy.

Hands-on activities, a curriculum binder, and supplies for the classroom will be provided in this fast-moving, entertaining, workshop. NO chemistry background required! A continental breakfast and lunch with featured guest speaker, “Dr. Chocolate”, will be included. (Chocolate-tasting, too!)

10/14/2014  Webinar: Hot Tech Tools for Today’s Classrooms  
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.pbslearningmedia.org/collection/getyourtechon/  

Cost  FREE  Stipend:  

3:00 - 4:00PM PT - Looking for tips and strategies to launch your teaching into the digital age? Curious about how to bring teaching to life with the latest and greatest gadgets and apps? Join renowned ed tech expert Leslie Fisher for a dynamic, show-and-tell session about the latest tech tools making a splash in education.

10/18/2014  Saturday Seminar: Learning to Argue and Arguing to Learn  
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th  
http://bit.ly/1vKXcoN  

Cost  Free  Stipend:  

What does argumentation in the classroom mean to you and what role could it play in student learning?

Keynote Speaker: Jonathan Osborne

10/16/2014 - 10/18/2014  California Agriculture in the Classroom Conference 2014  
California Foundation for Agriculture in the Classroom  
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://www.cfaitc.org/conference/  

Cost  $265 all days. single day available  Stipend:  

In Santa Cruz - The latest in agricultural literacy, teaching strategies, curriculum, and research are coming to Santa Cruz County for California educators and supporters! Experience agriculture firsthand during this three-day conference on the Santa Cruz coast. Join us on field trips about specialty crops that includes stops at growing facilities and processing plants. Ask questions to local growers and producers during our farmer panel.

Pick up valuable educational materials from our exhibitors. Attend hands-on workshops and Make ‘n’ Take sessions, and walk away with innovative ways to meet Common Core, Next Generation Science and Content Standards using agricultural lessons. The conference will also feature inspiring guest speakers who will address current trends in agriculture and education, and give you time to network with other educators. The conference guarantees to send you home with lessons and resources to help your students connect to the world around them and understand the role agriculture plays in it!

10/19/2014  East Bay Mini Maker Faire - Educator Meet-up  
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://ebmakerfaire.wordpress.com/2014/10/02/calling-all-educators/  

Cost  $5  Stipend:  

Are you interested in incorporating making into your classroom or educational program? Want to meet like-minded teachers exploring making and design? Whether you’re a maker curious teacher or a tinkering classroom champion, you are invited to the East Bay Mini Maker Faire Educator Meet-Up on Sunday, October 19th.
10/20/2014 - 10/21/2014  The California NGSS State Roll Out Symposium  Alameda County Office of Education
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
www.iplanevents.com/ngssrollout  Stipend: $200

The California Next Generation Science Standards (NGSS) State Roll Out Symposium for the Greater San Francisco Bay Area will be held in Oakland on October 20th and 21st. The intended audience for this symposium are district leadership teams comprising science teacher leaders from each grade band (elementary, middle and high), site administrators and district level administrators who will be leading their district in the NGSS implementation. This event is sure to sell out and we encourage you to sign up as soon as possible.

For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.instantpresenter.com/AccountManager/RegEv.aspx?PIID=ED53DD878247  Stipend: 1:00 PM - 2:00 PM (Pacific Time) - Presented by Leo Buc, Director of Common Vision
What in the garden could possibly be more exciting to students than a tree-ripened nectarine? Fruit trees and orchard-culture bring stability and productivity to the garden, all in a high yielding and low maintenance package. In our community’s next webinar, Leo Buc, Director of Common Vision, will discuss best practices for growing fresh fruit in school gardens. We’ll focus on every step of the process for new plantings as well as for rehabbing existing trees. This interactive session will explore:
Site and stock selection
Proper Planting Methods
Irrigation, pruning, and fertilization
Pests and disease prevention
Curriculum in the orchard

10/22/2014  Webinar: Free - Teaching NGSS in Elementary School—1st Grade  National Science Teachers Association
For Grades:  K;1st;2nd;3rd;4th;5th
http://learningcenter.nsta.org/products/symposia_seminars/NGSS/webseminar.aspx  Stipend: 3:30-5:00 p.m PDT - Review the general architecture of the Next Generation Science Standards and the specific expectations for first grade. Then learn how to use the standards to plan curriculum and instruction. During this 90-minute web seminar, you will also have an opportunity to deepen their understanding of how the three dimensions of NGSS (practices, core ideas, and crosscutting concepts) are designed to blend together during classroom instruction; dive in to one or two examples of what the teaching and learning to achieve NGSS looks like in a first grade classroom; and discuss instructional practices with other first grade teachers and begin the development of a grade-level community in the NSTA Learning Center to support students learning.

For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://learningcenter.nsta.org/products/webseminars.aspx  Stipend: 3:30-5:00 p.m PDT - The energy we use to heat and light our homes, drive to work and school and watch our favorite television show can come from a variety of traditional and renewable energy sources -- crude oil, natural gas, wind farms, hydroelectric power and coal-fired power plants. But how do we understand the costs and benefits of the energy choices we make? What happens if the mix of energy sources changes in the future? What does this all mean for our climate, air, water, and overall environmental quality? Learn about the scientific tools EPA scientists are developing to help states, communities and Tribes make decisions about energy use now and in the future. Explore an interactive board game developed by EPA scientists called Generate! that explores energy choices and the environment and gets students "energized" in some friendly competition.

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed:  10/9/2014  Professional Development
**10/23/2014**  
**Webinar: Teach STEM Skills in Your Classroom Through eCYBERMISSION**  
For Grades: 6th;7th;8th;9th  
**Cost** FREE  
**Stipend:**

3:30-5:00 p.m PDT - Log on to this web seminar to learn more about eCYBERMISSION, a free, web-based STEM competition for students in grades 6–9 that aligns with your state science standards. Web seminar participants will get an in-depth look at the elements of the eCYBERMISSION competition, including:

- How to choose a topic
- How to write a problem statement
- Data collection
- Data analysis/drawing conclusions
- eCYBERMISSION presentations

**10/22/2014 - 10/24/2014**  
**Teacher Educator Institute**  
For Grades: K;1st;2nd;3rd;4th;5th  
http://eie.org/content/tei-oct-22-2014  
**Cost** $400  
**Stipend:**

In Boston. If you’re a professional development provider, this workshop prepares you to facilitate EiE professional development workshops for teachers in your school, district, or state. Like all EiE workshops, our Teacher Educator Institute is hands-on and learner-driven. You’ll develop a deep understanding of the pedagogy and structure of the EiE curriculum. And you’ll take away a large collection of valuable resources to help you facilitate your own EiE workshops.

During this 2 ½ day workshop, you will experience two different EiE units as a learner and as a teacher. 

- Become familiar with the EiE curriculum, including the structure of the units and the pedagogical approach. 
- Gain foundational knowledge of technology, engineering, and the engineering design process. 
- Reflect on the strategies used by your workshop facilitators and the philosophical underpinnings of the EiE curriculum.

**10/25/2014**  
**Geology: Classroom Kit Training**  
For Grades: 6th;7th;8th;9th;10th;11th;12th  
**Cost** $15  
**Stipend:**

8:30 AM to 12:30 PM - Join us to experience hands-on activities that illuminate the hidden processes of our planet. Learn about the Earth’s layers, the movement of tectonic plates, and earthquakes. Take a look back over geologic time and check out some fossils from key points in Earth’s history.

After taking this workshop, you will be eligible to use the Geology (grades 6-12) Kit in your classroom.

**10/25/2014**  
**The Hayward Fault: Identifying Urban and Natural Features in the East Bay**  
**Math Science Nucleus**  
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://msnucleus.org/classes/ncgs-Oct%2025.htm  
**Cost** Free  
**Stipend:**

9:00 am-3:30 pm  (lunch provided) - Free (pre-registration required) 

Over the last million years, the natural beauty of Fremont has been shaped by the Hayward Fault. This teacher workshop will start at Tule Ponds at Tyson Lagoon Wetland Center and include a walk to the Fremont Earthquake Exhibit in Central Park. Discover the “fault creep” and off sets as we walk along the Hayward fault and explore the dramatic faulting effects in both a natural and urban environment. Learn how we use the measureable movements to incorporate into lesson plans.

**10/25/2014**  
**The Sun is Amazing! Workshop - Reg. by Oct. 1**  
**Multiverse, Space Sciences Lab**  
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th  
http://cse.ssl.berkeley.edu/energy/  
**Cost** FREE  
**Stipend:** $275 in supplies

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Printed: 10/9/2014  
Professional Development
Workshop Dates: October 25 and November 1, 2014 (two consecutive Saturdays)
"Energy from the Sun" is a NASA-funded teacher professional development project led by Multiverse at UC Berkeley in partnership with We Care Solar. Our shared aim is to bring solar energy and solar science together in a way that enhances the teaching of both topics. "The Sun is Amazing" two-day workshop is a great opportunity to learn about cutting-edge NASA solar research as well as more down-to-earth topics such as solar energy and innovative technologies for powering our communities. Our workshops are intended for teachers at all grade levels. Our presenters are NASA solar scientists, education and public outreach specialists, teachers, and energy educators from We Care Solar. You will have the opportunity to try out creative classroom activities to harness the Sun’s power as you explore alongside other teachers. Workshop participants will receive a wide range of NASA resources as well as free classroom solar materials valued at $275.00.

The workshops, conducted over two consecutive Saturdays, are free of charge. Continental breakfast and lunch will be served!

10/25/2014 FEAST -Fun Exchanges & Activities for Science Teachers
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost $FREE
Stipend:
For Grades: 2nd;3rd;4th;5th;6th;7th;8th
Cost $20 for members; $35 for non-members
Stipend:
10/27/2014 Webinar: Monarch Butterflies and Citizen Science
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost $FREE
Stipend:
10/28/2014 Webinar: Tips for Building Successful 1:1 Classrooms
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost $FREE
Stipend:
10/30/2014 Lighthouse Tour + Program Planning + Making
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost $100
Stipend:

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed: 10/9/2014 Professional Development
9:00 AM - 3:00 PM This session is a great way to take your making program to the next level, whether you are just getting started or you are looking to grow. During this session, you will see making integrated into a classroom, discuss our programs and models for integrating making, participate in a project yourself, and work on a plan for your own project. The focus of this session is working with you to figure out what will work for your classroom, program, or site. Attend as an individual or a team. Lunch provided.

10/31/2014 The Mickelson ExxonMobil Teachers Academy Summer Camp National Science Teachers Association
For Grades: 3rd;4th;5th
http://www.sendmyteacher.com/
Cost FREE
Stipend:
Application Deadline - The Mickelson ExxonMobil Teachers Academy is a cool summer camp just for teachers! At the Academy, teachers do lots of fun math and science experiments to share with you in the classroom. The experiments seem like games, but really they help everyone learn about math and science! They are joined by math and science experts from the National Science Teachers Association and Math Solutions who teach the teachers at the Academy. They come up with fun ways to learn math and science while playing with balloons, rocket cars and marbles. Anything is possible in math and science!

November 2014

10/23/2014 - Bay Area Science Festival 2014 Bay Area Science
11/1/2014 Outdoor Education Open House Point Bonita YMCA
For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK
http://www.bayareascience.org/festival/
Cost FREE
Stipend:
(October 23 to November 1, 2014) - The 4th Bay Area Science Festival Returns bigger and better than ever! This year’s schedule is full of events all over the Bay Area. There is something for every age level and in a wide variety of topics and formats. Check out the full schedule of events at www.bayareascience.org

11/1/2014 Teaching about Sustainability -- The Tragedy of the Commons* Resource Area for Teachers (RAFT)
For Grades: 2nd;3rd;4th;5th;6th;7th;8th
http://www.raftbayarea.org/workshops
Cost $20 for members; $35 for non-members
Stipend:
How can we learn to share and sustain our limited resources (our "Commons") which can include the atmosphere, oceans, rivers, farmland, fish, parks, drinking water, our playground, our toys, etc.? In this workshop we will model important concepts of sustainability through games and hands-on science activities. You can use these activities to not only teach life, physical, and earth sciences, but also school citizenship. * An economics theory by Garrett Hardin, according to which individuals, acting independently and rationally according to each one's self-interest, behave contrary to the whole group's long-term best interests by depleting some common resource. (Wikipedia)

11/1/2014 Coral - Classroom Kit Trainings California Academy of Sciences
For Grades: 3rd;4th;5th;6th;7th
Cost $15
Stipend:

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org
Printed: 10/9/2014 Professional Development
8:30 AM to 12:30 PM - Dive into the world of the coral reef ecosystem through a variety of engaging, hands-on activities and games. Learn about the anatomy of a coral polyp by making an edible model. Discover the importance of coral reefs and the critical environmental conditions necessary for coral survival through interactive games. Take all these exciting activities and materials back to the classroom to prepare your students for a visit to the California Academy of Sciences’ Philippine coral reef exhibit.

11/1/2014  History of the Headlands Hike  Point Bonita YMCA
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th;PK
http://www.ymcasf.org/ptbonita/
Cost  FREE  Stipend:

11:00-12:30pm Free for teachers
Spend the morning with an experienced Point Bonita YMCA naturalist exploring the natural history of the Marin Headlands! Learn about the plants, animals, minerals and the people that have inhabited this spectacular national park. Healthy Lunch option from12:30-1pm Free to teachers $12/adults, $8/youth

For Grades:  3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
https://www.coursera.org/course/amnhevolution
Cost  FREE  Stipend:

This four-week class November 3- December 1- The AMNH course Evolution: A Course for Educators provides an overview of biological evolution for educators. Informed by the recently released Next Generation Science Standards, the course explores the history of evolutionary theory and the evidence that supports it. We will learn about patterns of human evolution and societal implications of modern evolutionary biology, and how scientists determine relatedness among living and extinct organisms. Course participants will bring their understanding of course themes - along with content resources, discussion questions, and assignments - into their own teaching.

11/5/2014  Plants, Carbon and Sustainability  California Academy of Sciences
For Grades:  5th;6th;7th;8th
Cost  $15  Stipend:

4:30 PM to 6:30 PM - Where do plants get their mass from and how does it enter their tissues? Come explore the role that plants play in our carbon cycle, and how they are linked to sustainability in our world. Using hands-on activities, and examining plants with microscopes we will discover the intricacies of plant life and its link to global climate change. This workshop supports curriculum taught in the Plants Student Lab for classes participating in the Rock Program, but can act as a standalone unit as well.

11/6/2014  Tour 11:00AM  Lighthouse Community Charter School
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.eventbrite.com/o/lighthouse-creativity-lab-5950964179
Cost  FREE  Stipend:

Tours are a great way to see what making looks like integrated into a classroom. We will discuss the Lighthouse Creativity Lab program, see making in at least one K-12 class, answer questions, and hear a little about your plans.

11/8/2014  Teaching about Sustainability -- The Tragedy of the Commons*  Resource Area for Teachers (RAFT)
For Grades:  K;1st;2nd;3rd;PK
http://www.raftbayarea.org/workshops
Cost  FREE for members  Stipend:

Connecting Literacy to STEM Using Basic Tools
In this round robin we will have a brief discussion on methods that teachers can use to connect literacy and STEM (Science, Technology, Engineering and Math). We will give handouts and other resources suggesting effective use of technology in the learning environment.

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed: 10/9/2014  Professional Development
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Organizer</th>
<th>Website</th>
<th>Cost</th>
<th>Stipend</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/8/2014</td>
<td>Earthquakes and Other Natural Hazards</td>
<td>Bay Area Earth Science</td>
<td><a href="http://www.baesi.org/BAESI_Fall_2014.htm">http://www.baesi.org/BAESI_Fall_2014.htm</a></td>
<td>FREE</td>
<td>Stipend:</td>
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<tr>
<td></td>
<td>Natural hazards and efforts to lessen their impacts supply an engaging</td>
<td>Institute</td>
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<td></td>
<td>context for helping students to understand the real-world relevance</td>
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<td>of science, technology and engineering. This workshop will supply</td>
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<td>an overview of natural hazards with an emphasis on earthquakes and</td>
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<td>other hazards that affect the Bay Area and will include discussion</td>
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<td>of tools and strategies for making the transition to the Next</td>
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<td>Generation Science Standards.</td>
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<td>11/9/2014</td>
<td>Teacher Appreciation Sail</td>
<td>Aquarium of the Bay</td>
<td><a href="http://www.aquariumofthebay.org/teachers/teacher-resources/educator-events">http://www.aquariumofthebay.org/teachers/teacher-resources/educator-events</a></td>
<td>FREE</td>
<td>Stipend:</td>
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<tr>
<td></td>
<td>Aquarium of the Bay appreciates all of the amazing things teachers</td>
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<td></td>
<td>do. To thank you, we invite you and your family to join us aboard</td>
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<td>Alcatraz Cruises’ Hybrid Ferry for a day of fun out on San</td>
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<td>Francisco Bay and get up close and personal with local wildlife. The</td>
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<td>sail will include a complimentary lunch. Date and Time: Sunday</td>
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<td>November 9th 11:00 AM-1:00 PM. Location: We set sail from Alcatraz</td>
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<td>Landing at Pier 33</td>
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<tr>
<td>11/9/2014</td>
<td>San Andreas and Calaveras Faults Field Trip</td>
<td>Bay Area Earth Science</td>
<td><a href="http://www.baesi.org/BAESI_Fall_2014.htm">http://www.baesi.org/BAESI_Fall_2014.htm</a></td>
<td>FREE</td>
<td>Stipend:</td>
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<td>In San Juan Bautista, we will see how the San Andreas Fault has</td>
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<td></td>
<td>created the elevated area upon which the mission stands and will</td>
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<td>trace the segments of the fault in the region near Fremont</td>
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<td>Peak. Just south of Hollister, we will see the San Andreas Fault</td>
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<td>again, as it dissects the DeRose Winery. In Hollister, we will see</td>
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<td>evidence of past and present movement along the Calaveras Fault,</td>
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<td>look at a fault scarp, and examine the effects of fault creep as</td>
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<td>the Calaveras continually displaces sidewalks, curbs, and walls.</td>
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<td>11/11/2014</td>
<td>Field Trip Planning Day for Teachers</td>
<td>Exploratorium</td>
<td><a href="http://www.exploratorium.edu/visit/field-trips">http://www.exploratorium.edu/visit/field-trips</a></td>
<td>FREE</td>
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<td>Veteran’s Day - the Exploratorium offers complimentary admission</td>
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<td>to teachers plus one guest to plan a field trip. Explainers are</td>
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<td>available to discuss and share field trip resources. Show your</td>
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<td>teacher ID for admission (applies to regular admission only).</td>
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<td>11/12/2014</td>
<td>Fostering the Sense of Wonder: Using Exploration to Teach Scientific</td>
<td>Aquarium of the Bay</td>
<td><a href="http://www.aquariumofthebay.org/teachers/teacher-resources/educator-events">http://www.aquariumofthebay.org/teachers/teacher-resources/educator-events</a></td>
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<td></td>
<td>Pract</td>
<td>National Science Teachers</td>
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<td>to first 20 teachers who sign up</td>
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<td>4:30-7:30 PM at the EcoCenter at Heron’s Head Park - How can we</td>
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<td>foster the sense of wonder and love of learning in our students?</td>
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<td>Discover innovative strategies to use exploration and student</td>
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<td>driven learning to not only inspire life-long learning but to build</td>
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<td>meaningful and engaging science lessons. The first 20 participants</td>
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<td>who sign up for each respective date will receive a stipend.</td>
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<td>For Grades: 6th;7th;8th;9th</td>
<td>Association</td>
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Printed: 10/9/2014  Professional Development
3:30-5:00 p.m PDT - Bring it on! My claim is that we all have lessons that already meet the spirit of the Framework and NGSS. We should look at our past successful lessons through the lens of the Framework for K-12 Science Education and the NGSS, and make these good lessons even better. In that way, we will better understand what makes some lessons highly effective and be better positioned to increase the effectiveness of all lessons. Identifying and implementing successful lessons and curriculum is the way in which teachers bridge research and practice.

Please join us in this webinar where we will:
- deepen our understanding of the Frameworks and NGSS,
- identify where our best lessons meet the demands of the Frameworks and NGSS
- learn how the Frameworks and NGSS can be a valuable tool for our lesson planning

11/12/2014 Webinar: How to Integrate Game-Based Learning in Your Classroom
PBS Learning Media
For Grades: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th
http://www.pbslearningmedia.org/collection/getyourtechon/
Cost: FREE
Stipend:
3:00 - 4:00 PM PT - Do you ever wish you could tap into the allure of gaming while communicating key curricular topics? We'll show you how to do it! Join us as gaming experts Alan Gershenfeld from E-Line Media and Rebecca Rufo-Tepper from the Institute of Play explore the power and potential of gaming in the classroom.

11/13/2014 Webinar: Exploration and Discovery through Maps: Teaching Science with *
National Science Teachers Association
For Grades: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th
Cost: FREE
Stipend:
3:30-5:00 p.m PDT - Are you interested in using maps to engage students in science? EPA’s publicly available EnviroAtlas tool can help you! EnviroAtlas allows users of all skill levels to access hundreds of maps embracing a range of disciplines including biology, chemistry, geography, and environmental science

National Science Teachers Association
For Grades: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th
http://learningcenter.nsta.org/products/online_courses/VirtualConferencefall.aspx
Cost: Member price: $79 Nonmember price: $99
Stipend:
7 a.m. - 3 p.m. PT - You'll participate in this NSTA virtual conference by joining a series of live web sessions via Blackboard Collaborate. Each session will feature content from content and pedagogical experts and will conclude with a live chat among participants.

The day will begin with an opening general session and be followed by three breakout sessions. Participants will come together again for a closing general session. All educators who register for the virtual conference will have access to the archive recordings of all presentations and all resource collections.

11/15/2014 Educator Extravaganza - Open house
California Academy of Sciences
For Grades: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th
https://ticketing.calacademy.org/webstore/shop/viewitems.aspx
Cost: $5
Stipend:
6:00 pm to 9:00 pm at the California Academy of Sciences - Tickets are only $5
This year's Educator Extravaganza will feature all-new educational experiences, highlighting the Science and Engineering Practices of the Next Generation Science Standards. Participate in a diverse array of hands-on activities, chat with Academy researchers and educators, and explore the exhibits after hours.
Hands-On Activities - Participate in engaging hands-on science activities at drop-in stations throughout the museum. Discover classroom-ready activities for every grade level, highlighting the Science and Engineering Practices of the Next Generation Science Standards (NGSS).
Explore the Exhibits - Explore the Academy after hours with your fellow educators. Experience the museum as a learner (rather than as a chaperone!) and enjoy the exhibits without the crowds.

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Printed: 10/9/2014
Professional Development
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Cost  FREE  Stipend:
1:00 PM - 2:00 PM (Pacific Time) - Presented by Matthew Doris, Food Service Director & Chef, Tuckahoe Common School District, Southampton, NY
In our community's next webinar, we will explore ways for you to get the most out of your existing school garden space. Matthew Doris, Food Service Director & Chef, Tuckahoe Common School District in Southampton, NY, will discuss the concept of square-foot gardening and using bigger beds for growing vegetables. We will compare yields with these techniques vs traditional gardening methods, and learn about the food cost savings of square-foot gardening for your school lunch program. Matthew also will walk us through the general construction of a raised bed, and provide tips on building the best raised beds for your school program. Join Matthew on November 17th to learn about ways to maximize your school gardening space!

11/18/2014  Webinar: Habitability of Planets NASA Education
For Grades:  4th;5th;6th;7th;8th;9th;10th;11th;12th
http://bit.ly/1sbbPhN
Cost  FREE  Stipend:
5 p.m. PDT, for an hour long webinar for educators of grades 4-8. Participants will learn how NASA scientists are exploring regions of Earth that could provide clues to life elsewhere in the solar system. Many other bodies in space have the components needed for life to exist, but are their environments too extreme? Could extremophiles be the key to unlock the mysteries of life beyond Earth?

For Grades:  K;1st;2nd;3rd;4th;5th
Cost  FREE  Stipend:
3:30-5:00 p.m PDT -Review the general architecture of the Next Generation Science Standards and the specific expectations for second grade. Then learn how to use the standards to plan curriculum and instruction. During this 90-minute web seminar, you will also have an opportunity to deepen their understanding of how the three dimensions of NGSS (practices, core ideas, and crosscutting concepts) are designed to blend together during classroom instruction; dive in to one or two examples of what the teaching and learning to achieve NGSS looks like in a second grade classroom; and discuss instructional practices with other second grade teachers and begin the development of a grade-level community in the NSTA Learning Center to support students learning.

11/20/2014  Fostering the Sense of Wonder: Using Exploration to Teach Scientific Practice Aquarium of the Bay
For Grades:  K;1st;2nd;3rd;4th;5th;6th
http://www.aquariumofthebay.org/teachers/teacher-resources/educator-events
Cost  FREE  Stipend:  to first 20 teachers who sign up
4:30-7:30 PM at Aquarium of the Bay - How can we foster the sense of wonder and love of learning in our students? Discover innovative strategies to use exploration and student driven learning to not only inspire life-long learning but to build meaningful and engaging science lessons. The first 20 participants who sign up for each respective date will receive a stipend.

11/20/2014  Albert Einstein Distinguished Educator Fellowship - Deadline Einstein Fellowship
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.trianglecoalition.org/einstein-fellows
Cost  FREE  Stipend:  $7000/month in stipend and ho
Einstein Fellows usually spend a school year in a professional staff position in the U.S. Senate or House of Representatives, at the Department of Energy (DOE), or at other federal agencies such as the National Aeronautics and Space Administration (NASA), the National Science Foundation (NSF), or the National Institute of Standards and Technology (NIST).

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Printed:  10/9/2014  Professional Development
For Grades: 2nd;3rd;4th;5th;6th;7th;8th
Teachers (RAFT)
http://www.raftbayarea.org/workshops
Cost   $20 for members; $35 for non-members
Stipend:
The Next Generation Science Standards represent an approach to teaching science in a real-world,
practice-based way in hopes of inspiring the next generation of scientists and engineers. This approach is not
without its challenges. In this workshop participants will learn methods of understanding the performance
expectations, or PEs, and the underlying skills that students must learn in order to achieve the PEs. The RAFT
instructor will model how to unpack the PEs to identify those skills as well as provide ideas and activities
supporting student mastery of the skills. The participant will leave the workshop with deeper knowledge of the
science and engineering practices that serve as the vehicle to drive students into the roles of scientist and
engineer! LOCATION: RAFT Redwood City

December 2014

For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Development Project
http://www.need.org/calendar_day.asp?date=12/3/2014&event=144
Cost   free
Stipend:
Location: Courtyard Richmond Berkeley 3150 Garrity Way Richmond, CA 94806
Thanks to the sponsorship of Phillips 66, there is no cost to attend the workshop. Breakfast, lunch, and
substitute reimbursement are included. Substitute reimbursement forms are provided at the workshop.
Schools/Districts will be reimbursed for the substitute. Participation in this workshop provides educators with a
FREE NEED Science of Energy Kit designed to teach the concepts of force, motion, light, sound, heat,
electricity, magnetism, and energy transformations through hands-on activities.
About NEED: The NEED Project works with local, state, and national energy organizations, companies, and
government agencies to design and deliver high quality, engaging, objective energy curriculum and teacher
training to schools nationwide. NEED activities are aligned to state science standards and many state CTE
standards as well.

12/4/2014 - Designing Making Experiences Lighthouse Community
12/5/2014  Teacher Educator Institute
For Grades: K;1st;2nd;3rd;4th;5th
Engineering is Elementary
http://www.eventbrite.com/o/lighthouse-creativity-lab-5950964179
http://eie.org/content/teacher-educator-institute-registration-opening-early-2014-0
Cost   $200
Stipend:
Spend two days planning a K-12 making project or unit of your choice and leave with a project example made by
you. While being immersed in a making environment, you will make and develop, test and troubleshoot the
making curriculum or project of your choice for your K-12 classroom or school.

http://www.raftbayarea.org/workshops
http://www.need.org/calendar_day.asp?date=12/3/2014&event=144
http://www.eventbrite.com/o/lighthouse-creativity-lab-5950964179
http://eie.org/content/teacher-educator-institute-registration-opening-early-2014-0
We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org
Printed: 10/9/2014  Professional Development
If you’re a professional development provider, this workshop prepares you to facilitate EiE professional development workshops for teachers in your school, district, or state. Like all EiE workshops, our Teacher Educator Institute is hands-on and learner-driven. You’ll develop a deep understanding of the pedagogy and structure of the EiE curriculum. And you’ll take away a large collection of valuable resources to help you facilitate your own EiE workshops.

During this 2 ½ day workshop, you will experience two different EiE units as a learner and as a teacher. become familiar with the EiE curriculum, including the structure of the units and the pedagogical approach. gain foundational knowledge of technology, engineering, and the engineering design process. reflect on the strategies used by your workshop facilitators and the philosophical underpinnings of the EiE curriculum.

- See more at:
  http://eie.org/content/teacher-educator-institute-registration-opening-early-2014-1#sthash.CQclyh3R.dpuf

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<tr>
<td>12/4/2014</td>
<td>NSTA Area Conference - Longbeach</td>
<td>National Science Teachers</td>
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<td>12/6/2014</td>
<td>National Science Teachers Association</td>
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<td>For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th</td>
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<td><a href="http://www.nsta.org/conferences/2013por/">http://www.nsta.org/conferences/2013por/</a></td>
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<td>Cost $175 early bird registration</td>
<td>Stipend:</td>
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<td>Come explore the Next Generation Science Standards and learn how science links with the Common Core State Standards in ELA and Mathematics. You can also discover how to connect Science, Technology, Engineering, and Mathematics to benefit all our students and everybody's future. We've planned an engaging conference filled with hands-on workshops, presentations, and field trips that will provide you with the tools to build your bridge to the future.</td>
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<tr>
<td>12/4/2014</td>
<td>NSTA Regional Conference - Long Beach</td>
<td>California Science Teachers Association</td>
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<td>12/6/2014</td>
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<td>For Grades: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th</td>
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<td>Cost $123 Stipend:</td>
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<td>CSTA is partnering with the National Science Teachers Association to produce the 2014 NSTA Long Beach Area Conference - in Collaboration with CSTA! There will be no California Science Education Conference in 2014.</td>
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<tr>
<td>12/9/2014</td>
<td>Webinar: Teach STEM Skills in Your Classroom Through eCYBERMISSION</td>
<td>National Science Teachers Association</td>
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<td>For Grades: 6th;7th;8th;9th</td>
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<td>Cost FREE Stipend:</td>
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<td>3:30-5:00 p.m PDT - Log on to this web seminar to learn more about eCYBERMISSION, a free, web-based STEM competition for students in grades 6–9 that aligns with your state science standards. Web seminar participants will get an in-depth look at the elements of the eCYBERMISSION competition, including: How to choose a topic How to write a problem statement Data collection Data analysis/drawing conclusions eCYBERMISSION presentations</td>
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<td>12/10/2014</td>
<td>Books as a Bridge to the Science and Engineering Practices</td>
<td>California Academy of Sciences</td>
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<td>For Grades: K;1st;2nd</td>
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<td>Cost $35 Stipend:</td>
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4:30 PM to 6:30 PM -
Special Note: This is a two part workshop taking place on Wednesday December 10 and Wednesday December 17.
In order to participate, you must be able to attend both sessions.
NEW! Discover how your classroom library can link the Common Core State Standards (CCSS) and the Next Generation Science Standards (NGSS), bringing science into reading time and reading into science time. In this workshop, we will explore books that tell the stories of scientists and their work, highlighting the Scientific and Engineering Practices (SEPs) of the NGSS. You will also develop a new perspective on your existing classroom library, enabling you to spot the books that illustrate the Practices in action. In addition, you will learn strategies for integrating these books into your teaching. Leave the workshop with a list of book titles, a new perspective on old favorites, and the ability to help foster your students’ connections to science.

12/12/2014  Learn to Make - Arduino
Lighthouse Community Charter School
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.eventbrite.com/o/lighthouse-creativity-lab-5950964179
Cost  $100  Stipend:

(9:00AM - 3:00PM) In a Learn to Make session, you will build your expertise in a specific skill set. Most of the session will be spent creating something. During the session we will mix in discussion about how to bring the activity, or related activities, to the classroom. For example, in a beginning Arduino session, you will work through the activities we use in our high school class and then complete a project using your new skills! You will leave with your creation or a basic kit to get you started back at your own site. Lunch provided.

12/13/2014  Geology: Classroom Kit Training
California Academy of Sciences
For Grades:  2nd;3rd;4th;5th
Cost  $15  Stipend:

8:30 AM to 12:30 PM - did you last feel an earthquake? Discover a beautiful rock? Contemplate the structure of hills or mountains? In this workshop, you will participate in hands-on activities that illuminate the hidden processes of our planet. Learn about Earth's layers, the rock cycle, minerals, fossils, plate tectonics, and more. While appropriate for grades 2 - 5, this kit emphasizes 4th grade science content standards. After taking this workshop, you will be eligible to use the Geology Kit in your classroom.

12/17/2014  Webinar: Free - Teaching NGSS in Elementary School—3rd Grade
National Science Teachers Association
For Grades:  K;1st;2nd;3rd;4th;5th
Cost  FREE  Stipend:

3:30-5:00 p.m PDT -Review the general architecture of the Next Generation Science Standards and the specific expectations for third grade. Then learn how to use the standards to plan curriculum and instruction. During this 90-minute web seminar, you will also have an opportunity to deepen their understanding of how the three dimensions of NGSS (practices, core ideas, and crosscutting concepts) are designed to blend together during classroom instruction; dive in to one or two examples of what the teaching and learning to achieve NGSS looks like in a third grade classroom; and discuss instructional practices with other third grade teachers and begin the development of a grade-level community in the NSTA Learning Center to support students learning

January 2015

1/19/2015 - 1/20/2015  Design Thinking for Educators Workshop
Stanford University
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
https://docs.google.com/forms/d/1k1-iNpAheCU4smydUxfP9ThpZv0V7utoBj_WBnAtC0/viewform
Cost  FREE  Stipend:

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Printed:  10/9/2014  Professional Development
Stanford’s Institute of Design (the “d.school”) has announced its next Introduction to Design Thinking for Educators Workshop, which will be held on January 19-20, 2015. There is no cost to those admitted, but you must pay your own transportation and lodging. Breakfast and lunch are included both days. Dinner is on your own. The program will give priority to educators proposing to come with a collaborator from his/her school or program. Space is limited.

1/21/2015  Webinar: Free - Teaching NGSS in Elementary School—4th Grade  National Science Teachers Association
For Grades:  K;1st;2nd;3rd;4th;5th
Cost  FREE  Stipend:
3:30-5:00 p.m PDT - Review the general architecture of the Next Generation Science Standards and the specific expectations for fourth grade. Then learn how to use the standards to plan curriculum and instruction. During this 90-minute web seminar, you will also have an opportunity to deepen their understanding of how the three dimensions of NGSS (practices, core ideas, and crosscutting concepts) are designed to blend together during classroom instruction; dive in to one or two examples of what the teaching and learning to achieve NGSS looks like in a fourth grade classroom; and discuss instructional practices with other fourth grade teachers and begin the development of a grade-level community in the NSTA Learning Center to support students learning.

1/31/2015  Saturday Seminar - Equity: Localizing Human Rights Education  Bay Area Science Project
For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://www.lawrencehallofscience.org/services_and_expertise/professional_development/saturday_seminar
Cost  FREE  Stipend:
What does it mean to bring human rights education into our communities? Our schools? Our classrooms? Keynote Speaker: Dr. Lanette Jimerson

February 2015

For Grades:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
http://citizenscienceassociation.org/conference/
Cost  not posted yet  Stipend:
The first conference of the new Citizen Science Association will be convened in conjunction with the 2015 Annual Meeting of the American Association for the Advancement of Science. Because AAAS aims to represent all sciences, it’s a great fit for the Association as we work to build connections across the diverse scientific disciplines involved in citizen science. Join practitioners and researchers from across the field of citizen science to discuss successes and challenges in designing, implementing, sustaining, and evaluating projects. Share your project innovations and questions with colleagues across this diverse and expanding field of practice. The conference will feature keynote speakers, concurrent sessions and poster presentations (call for abstracts expected in May), mentoring and consulting opportunities, and field trips with local citizen science practitioners!

2/18/2015  Webinar: Free - Teaching NGSS in Elementary School—5th Grade  National Science Teachers Association
For Grades:  K;1st;2nd;3rd;4th;5th
Cost  FREE  Stipend:
3:30-5:00 p.m PDT - Review the general architecture of the Next Generation Science Standards and the specific expectations for fifth grade. Then learn how to use the standards to plan curriculum and instruction. During this 90-minute web seminar, you will also have an opportunity to deepen their understanding of how the three dimensions of NGSS (practices, core ideas, and crosscutting concepts) are designed to blend together during classroom instruction; dive in to one or two examples of what the teaching and learning to achieve NGSS looks like in a fifth grade classroom; and discuss instructional practices with other fifth grade teachers and begin the development of a grade-level community in the NSTA Learning Center to support students learning.

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Printed:  10/9/2014  Professional Development
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Printed: 10/9/2014  Professional Development
Professional Development

By Arrangement at Your School or Available Ongoing on Your Own

By Arrangement

2014-15 STEM Professional Development Offerings  
2014-15 STEM Professional Development Offerings  
ASSET STEM Education  
ASSET STEM EDUCATION is a national Science, Technology, Engineering and Math (STEM) education improvement nonprofit established by Bayer Corporation and several community partners in 1994. It fosters STEM fluency and college/career readiness by providing educators with highly effective professional development, hands-on educational materials and consulting services — impacting students pre-K through career. All of its programs are results oriented, research and inquiry based and align with national and state standards.

Your Own Design  
http://www.bananascalstringband.com/pages/workshops.html  
Banana Slug String Band will collaborate with you to develop a workshop that fits your needs by combining concepts, songs and strategies from a wide range of material.

Teach the Teachers - How to use the Bay Model with Your Class  
http://www.spn.usace.army.mil/Missions/Recreation/BayModelVisitorCenter.aspx  
Bay Model Visitor Center  
Your personal tour is available year round to any teacher or group of teachers that want to conduct their own guided tours of the Bay Model for their students. Ranger Linda M. Holm will personally meet educators either on a one-on-one basis or as a group at their convenience. Teachers can call our main number: 415-289-3007 to set up an appointment to meet with Ranger Linda. Hours: Tuesday through Saturday 9AM - 1:30 PM.  
* Educators will get a guided tour of the facility as if I was conducting an educational program for their class. It will be grade and subject specific based on the teacher's requests. They can use the Bay Model Activity Tour, located on our website as a template

Project WILD and Project Aquatic Wild  
http://www.dfg.ca.gov/  
CA Dept of Fish and Wildlife, Central Coast Region  
Project WILD is a wildlife-based conservation and environmental education program that fosters responsible actions toward wildlife and related natural resources. Project WILD Activity Guides provide curriculum especially designed for educators of kindergarten through high school youth. Professional development training and educational materials are available through workshop participation. Project WILD core materials include three activity guides for educators: the Project WILD K-12 Activity Guide highlights wildlife and habitat, Project WILD Aquatic Education Activity Guide emphasizes aquatic wildlife and aquatic ecosystems, Science and Civics: Sustaining Wildlife for grade 9-12 involves inquiry investigations and decisions affecting people, wildlife and their shared habitat.

Professional Development at your School  
http://www.calacademy.org  
California Academy of Sciences  
Many different workshops are available to come to your school for professional development. Examples are: Sketching and Journal Keeping for the Science Classroom, Owl Pellets and Beyond, Herbivore, Omnivore, Carnivore: A study of Structure and Function

Whole School Science Professional Development  
http://www.crsscience.org/educators/workshops  
Community Resources for Science

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed: 10/9/2014  
Bring Professional Development to your School
Educator Workshops

http://www.abag.ca.gov/bayarea/sfep

Friends of the Estuary

http://www.abag.ca.gov/bayarea/sfep

Friends of the Estuary will work with you to design and present a tailored workshop for 10-100 educators. Workshop topics include: wetlands, endangered species, wildlife, bats, plants, Adopt a Watershed, Marine Debris, Project Learning Tree, Project Wild and Aquatic Wild, as well as new topic areas.

Environmental Education Services

http://www.kidsforthebay.org

Grade level and whole faculty workshops, One-on-one support, Lesson modeling in teachers’ classrooms, Curricula, resources, and equipment. Week-Long Summer Institute for Educators, Lesson planning consultations in the following areas: Implementing a community-based student-led action project, Thematic integration, Developing and implementing critical thinking questioning strategies, Addressing the diverse learning needs of students, Teaching State Standards, Addressing the needs of English language learners. Content Options: Local Watershed Studies, Developing Action Projects, Waste Reduction and Sustainable Practices, Safe Bay Fish Consumption, Studying and Learning in the Outdoors, Point Source & Non-Point Source Pollution Reduction, Environmental Justice, Water Conservation, Scientific Process Skill Development

Using Video and Web resources in your classroom

http://www.kqed.org/ednet/

KQED offers a wide range of professional development workshops focusing on the use of video in the classroom. They can focus on curriculum areas of your choice. Workshops can focus on making videos in the classroom or how to effectively use existing video and web resources in the classroom.

Common Core & FOSS: Building ELA Skills through Active Science


How is your school preparing to implement Common Core State Standards for English Language Arts? Have you considered building reading, writing, speaking, and listening skills through active science? Science is an ideal content area for students to develop the skills needed to meet the Common Core State Standards. The FOSS Leadership Team from the Lawrence Hall of Science can help you build your students’ abilities to use language effectively. Our teacher workshops are designed to provide experiences modeling the overlap between science and the ELA Common Core State Standards. FOSS workshops focus on how active science provides a rich experience for students to:

• effectively communicate in collaborative discussions.
• acquire and use academic and domain-specific vocabulary to express their thinking.
• write a variety of text, including informative, narrative, and evidence-based arguments.
• read and comprehend informational text, integrating knowledge and ideas.
• conduct research, using a variety of resources and present their knowledge clearly

Brian Campbell 510-641-3367  brcampbell@berkeley.edu or Joanna Totino  510-643-3478  jtotino@berkeley.edu

Customized Workshop

http://www.lifelearning.org

Life Lab trainers will work with you to develop a customized workshop to meet your specific needs. Resolving issues with your garden site, working effectively with the special needs of your student population, and facilitating parent/community involvement are some of the many topics on which to focus your workshop.

Discovery Voyage on the Bay

http://www.sfbaymsi.org

Marine Science Institute

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Printed: 10/9/2014
The day begins aboard the Institute’s research vessel, the ROBERT G. BROWNLEE, participating in hands-on activities that examine the fish, plankton, benthic invertebrates, and physical oceanography of an estuarine ecosystem. The afternoon is spent in our Discovery Classroom, exploring curriculum ideas and activities while developing lesson plans that bring science to your curriculum.

**RAFT Outreach Workshops**
http://www.raft.net
RAFT offers a variety of hands-on science workshops for teachers. They can be scheduled at your school. Topics include - THE POWER OF HANDS-ON TEACHING, On The Move: Science Workshops: (Catch a Wave, A Model Science Class, Let’s Mix Things Up, Attractive Science! Exploring Magnetism). Price includes teaching kits

**Teacher Training/Team Building - Physical Sciences**
http://rockitscience.com/teacherworkshops/
Teachers, learn to do Rock-it Science lessons yourself. Our group experiments also make great team building/diversity training activities. We’ll customize a program to suit your needs. Pick from a wide variety of Physical Science topics (Matter, Energy, Chemistry, Force and Motion, Simple Machines, Electricity). Maximum: 40 teachers Price: $1000 for 3 hours

**Teaching the 4Rs - Reduce, Reuse, Recycle & Rot/Compost**
http://www.stopwaste.org
Gain valuable skills in leading your students through classroom activities that demonstrate the 4Rs: Reduce, Reuse, Recycle and Rot/Compost while teaching science concepts and ways to reduce waste and conserve natural resources.

**School Site Specific Trainings**
http://botanicalgarden.berkeley.edu/education/k12.shtml#etpdanchor
Our Education staff offer unique tools and support for diverse school communities to transform gardens into enriched educational resources. Teachers, parents, garden educators and community members can all be a part of the process in accomplishing learning goals for children through garden-based education. Our fee-based workshops can be customized to meet your needs. Past topics include:
* Botany on Your Plate curriculum
* Math in the Garden curriculum
* Using the Garden Environment for Afterschool Programs
* School Garden Planning and How-To’s
* Integrating Academics into the Garden
* Nutrition from Fruits and Vegetables
* Linking Garden Activities to State Standards
For more information, contact the Education Program Coordinator

**Ongoing**

**Seminars on Science - Online Courses for Educators**
http://learn.amnh.org/
These six-week courses developed by Museum scientists and educators incorporate the Museum's rich resources including three-dimensional virtual specimens, videos from the field, and interactive simulations. Teachers participate in discussions and activities with the Museum's scientists and educators. Continuing education units and graduate credits are available. For more information go to http://learn.amnh.org.

**Online Teacher Professional Development**
https://www.coursera.org/courses?cats=teacherpd
Coursera offers a wide range of courses designed for teacher professional development.

**School of Professional Studies**
http://ce.fresno.edu/cpd/courses/
Courses are delivered through a combination of modalities to better serve the school community's needs: printed materials and texts, audiotapes, videotapes, CD-ROM, and online distance learning. These are not on-campus courses. They may be taken any place and any time. Over 20 course offerings including: "Science for the Elementary School," "Physical Science Activities for the Primary Grades," "Astronomy: For All Ages."

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Bring Professional Development to your School
Web Based Professional Development

Heinemann
Heinemann's webinar content is developed to help educators meet curricular standards. Live webinars deliver superior PD with no travel costs, and participants interact directly with our authors and consultants on crucial topics to enhance expertise.
* Heinemann's webinars offer a user-friendly, convenient format and the option for educators to gather as a group at school or to participate individually from home.
* Typical webinar series consist of five clock hours of streaming webcast including live discussion with the presenter, video demonstrations, presentation materials, and access to archived recordings.

Edspace

KQED
http://education.kqed.org/edspace/
This blog from KQED has posts of great information to take straight to your classroom. Online self-paced tutorials. Lesson ideas and more. Search the blog for the topics of your choice.

Free Webinars

NASA Education
The NASA Educator's Online Network offers webinars for teachers on a variety of science topics and how to bring these concepts into your classroom.

NSTA Professional Development Resources

National Science Teachers Association
http://www.nsta.org/pd/
The NSTA Learning Center has articles on science education, webinars (live and archived), lesson plans, books lists and so much more. Some resources are free, others are only available with NSTA membership. Membership is well worth it just to get their monthly journal.

Online Courses for Educators in the Sciences

National Teacher Enhancement Network
www.scienceteacher.org
Educators can access electronic teacher resources, discuss issues with other educators online, and participate in high-quality graduate courses all from convenient home or work locations via the Internet. An average of 15 online graduate level science and science education courses are available each semester. NTEN courses are designed to help teachers improve and enhance their understanding of science content. Courses can be taken for professional development or as part of a graduate degree program.

Online Professional Development Workshops

PBS Learning Media
http://www.pbslearningmedia.org/
PBS Learning Media offers free online professional development on lots of different educational topics.

Rock-it Science Teacher Community

Rock-It Science
http://rockitscience.com/teachercommunity/
This online community is for adventurous teachers and homeschool parents who want to teach science the Rock-it Science way. Registration is FREE. As a registered member of our Teacher Community, you can:
* Read introductory Teacher's Guide, "How to Present a Rock-it Science Lesson".
* View our Lesson Videos. See the lessons as they were presented in our laboratory classroom with hands-on experiments.
* Download the corresponding Teacher Guides, which contain a complete transcript of the video, photos, an equipment list, and Quick Reference Guides.
* View our Teacher Workshop videos, where adults get to experience our lessons exactly the way students do, including the crazy stories and hands-on experiments. But they also get to ask questions about the equipment and materials, discuss any concerns they may have about how their own students might respond to the lesson, and get ideas about how to present the lessons themselves.
* Read Mr. Mac's Blog
* Get answers to your questions and share ideas with other teachers in our Teacher Support Forum.

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Printed: 10/9/2014
Bring Professional Development to your School
## November 2014

<table>
<thead>
<tr>
<th>Date</th>
<th>Grant Description</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/1/2014</td>
<td>Environmental Education Grants</td>
<td>The Lawrence Foundation</td>
</tr>
<tr>
<td>$5000</td>
<td>Grants to support environmental, education, human services and other causes. Interests are diverse and may lead into other areas on an occasional basis.</td>
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<tr>
<td>11/1/2014</td>
<td>Bright Ideas Grant</td>
<td>PG&amp;E</td>
</tr>
<tr>
<td>$1,000-10,000</td>
<td>Grants will be given to schools for outstanding solar energy education projects.</td>
<td></td>
</tr>
<tr>
<td>11/1/2014</td>
<td>American Honda Foundation Grant</td>
<td>American Honda Foundation</td>
</tr>
<tr>
<td>$20,000-75,000</td>
<td>We support youth education with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment.</td>
<td></td>
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<tr>
<td>11/1/2014</td>
<td>Whale Tail Grants Program</td>
<td>California Coastal Commission, Public Education Program</td>
</tr>
<tr>
<td>$500-$50,000</td>
<td>* This program supports marine science education and projects encouraging people to value and take action to improve the health of California’s marine and coastal environments.</td>
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<td></td>
<td>* This year there is a special subcategory for projects addressing climate change and/or ocean acidification.</td>
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<tr>
<td></td>
<td>* Emphasis is on reaching underserved students or members of the public.</td>
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<tr>
<td>11/5/2014</td>
<td>Fulbright Distinguished Awards in Teaching Program</td>
<td>Fulbright Teacher Exchange</td>
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<td></td>
<td>Study abroad</td>
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<td></td>
<td><a href="http://www.fulbrightteacherexchange.org/">http://www.fulbrightteacherexchange.org/</a></td>
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<td></td>
<td>The Distinguished Fulbright Awards in Teaching Program is designed to recognize and encourage excellence in teaching in the U.S. and abroad. Twenty-four highly talented U.S. and international teachers are selected to receive a grant to study at a university, conduct research, teach classes and workshops, and develop a project pertaining to their field of educational inquiry during their semester overseas.</td>
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<tr>
<td>11/14/2014</td>
<td>N-Visioning a Brighter Future Grant Program</td>
<td>Westinghouse</td>
</tr>
<tr>
<td>$3000</td>
<td>Funds STEM projects that can include bringing in specialists, going on field trips, or purchasing materials.</td>
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<tr>
<td>11/18/2014</td>
<td>Shell Science Teaching Award</td>
<td>National Science Teachers Association</td>
</tr>
<tr>
<td>$10,000 and Expenses to attend NSTA conference</td>
<td>Award recognizes one outstanding classroom science teacher (K–12) who has had a positive impact on his or her students, school, and community through exemplary classroom science teaching. Award: $10,000 and a paid trip to attend NSTA's National Conference; two finalists will also receive paid trips to the conference</td>
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</tr>
<tr>
<td>11/19/2014</td>
<td>Educator Grants</td>
<td>Air Force Association</td>
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<tr>
<td>$250</td>
<td>The Educator Grant program promotes aerospace education activities in classrooms from kindergarten through twelfth grades. The program encourages development of innovative aerospace activities within the prescribed curriculum.</td>
<td></td>
</tr>
<tr>
<td>11/20/2014</td>
<td>Albert Einstein Distinguished Educator Fellowship - Deadline</td>
<td>Einstein Fellowship</td>
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</tbody>
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$7000/month in stipend and housing expenses

http://www.trianglecoalition.org/einstein-fellows

Einstein Fellows usually spend a school year in a professional staff position in the U.S. Senate or House of Representatives, at the Department of Energy (DOE), or at other federal agencies such as the National Aeronautics and Space Administration (NASA), the National Science Foundation (NSF), or the National Institute of Standards and Technology (NIST).

11/29/2014

November Contest

http://www.lohdownonscience.org/forschools/november-contest/

$1000

The Loh Down on Science

(Nov. 1 – Nov. 29, 2013) To Participate in the November Contest:

Step 1. Register a school

Step 2. Register players. Each player must have their own email address:

a. SIGN UP! Look for SIGN UP near the top of this page. Pick a fun User Name / Player Name (Like Atomic Amy, or Galactic Voyager). Supply your EMAIL address and create a PASSWORD.

b. You will get a confirmation email. Please REPLY with the name of the school you are playing for.

Step 3. Play the Question of the Day (QOTD) every day!

Locate the red QOTD symbol on the left. Pick an answer and click “submit.” (Be sure you are logged in.)

11/30/2014

Expenses to attend NSTA conference

Faraday Science Communicator Award

http://www.nsta.org/about/awards.aspx

National Science Teachers Association

The individual will not be a classroom teacher, but will work in a museum, nature center, zoo, state park, aquarium, radio, television, internet, or other science-rich institutions or media or a group like 4-H clubs, Girl and Boy Scouts, Girls and Boys Clubs of America. Organizational—The organization will facilitate and provide exemplary opportunities for science communication to the public. The organization will desire to instill in the public an appreciation for science through communication efforts at the local, state, and national levels.

11/30/2014

Expenses to attend NSTA conference

Distinguished Teaching Awards

http://www.nsta.org/about/awards.aspx

National Science Teachers Association

This award honors NSTA members who are teachers that have made extraordinary contributions to the field of science teaching. Eligibility: K–college-level teachers. Award: Formal citation, three nights’ hotel accommodation, and $500 toward expenses to attend the NSTA National Conference

11/30/2014

Angela Award

http://www.nsta.org/about/awards.aspx

National Science Teachers Association

Honors one female student in grades 5-8, who is involved in or has a strong connection to science. The award has been established in honor of Gerry Wheeler and his outstanding dedication to NSTA and lifelong commitment to science education. This award is open to any female student in grades 5 – 8, who is a resident of the United States, US Territories, or Canada, and are enrolled full time in public, private, or home school.

11/30/2014

Expenses to attend NSTA conference

Distinguished Service to Science Education Awards

http://www.nsta.org/about/awards.aspx

National Science Teachers Association

These awards honor NSTA members who have made extraordinary contributions to the advancement of education in the sciences and science teaching. Eligibility: NSTA members who have shown long-term dedication to science education. Award: Formal citation, three nights’ hotel accommodation, and up to $500 towards expenses to attend the NSTA National Conference

11/30/2014

Fuel Your Schools Grant

http://www.fuelyourschool.com/Markets/bay-area/

Chevron

Project from October 2 - November 30. Available to teachers in Alameda and Contra Costa Counties. Chevron is funding teacher projects posted on DonorsChoose.org. See the "Fuel Your Schools" web page for more details. The earlier you post your project the better. Be sure to go to Facebook and "like" Chevron Fuel Your School.

11/30/2014

Robert E. Yager Foundation Excellence in Teaching Award

http://www.nsta.org/about/awards.aspx

National Science Teachers Association

The Robert E. Yager Foundation Excellence in Teaching Award will recognize six (6) full-time K–12 teachers of science who successfully use innovation and excellence in their classroom.

11/30/2014

NSTA Fellow Award

National Science Teachers Association
<table>
<thead>
<tr>
<th>Date</th>
<th>Award Description</th>
<th>Organization</th>
<th>Link</th>
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<tbody>
<tr>
<td>11/30/2014</td>
<td>Distinguished Informal Science Education Award</td>
<td>National Science Teachers Association</td>
<td><a href="http://www.nsta.org/about/awards.aspx">http://www.nsta.org/about/awards.aspx</a></td>
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<tr>
<td></td>
<td>This award recognizes NSTA members who have made extraordinary contributions to</td>
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<td></td>
<td>science education through personal commitment to education, specifically science</td>
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<td>teaching or science; educational endeavors and original work that position</td>
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<td>recipients as exemplary leaders in their field; significant contributions to the</td>
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<td>profession that reflect dedication to NSTA as well the entire educational</td>
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<td></td>
<td>community. This award is open to long-standing (at least 10 years) NSTA members.</td>
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<td></td>
<td>Awardees will be recognized at the NSTA Awards Banquet at the NSTA National</td>
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<td>Conference</td>
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<tr>
<td>11/30/2014</td>
<td>DuPont Pioneer Excellence in Agricultural Science Education Award</td>
<td>National Science Teachers Association</td>
<td><a href="http://www.nsta.org/about/awards.aspx">http://www.nsta.org/about/awards.aspx</a></td>
</tr>
<tr>
<td></td>
<td>A partnership with DuPont Pioneer and the National Science Teachers Association,</td>
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<tr>
<td></td>
<td>this award is to recognize excellence and innovation in the field of agricultural</td>
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<tr>
<td></td>
<td>science education. One award will be awarded annually.</td>
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<td></td>
<td>Eligibility: Applicants must be K–12 classroom teachers whose responsibilities</td>
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<tr>
<td></td>
<td>include implementing agricultural science in their classroom. Award: The awardee</td>
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<tr>
<td></td>
<td>will receive a $5,000 grant for their classroom/program, paid travel expenses to</td>
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<td></td>
<td>attend the NSTA national conference on science education, mentoring with a DuPont</td>
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<td></td>
<td>Pioneer scientist, classroom resources from DuPont Pioneer, and access to a DuPont</td>
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<td></td>
<td>Pioneer product plant or research facility. The awardee will be presented the</td>
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<tr>
<td></td>
<td>award at the Teacher Awards Banquet at the National Conference.</td>
<td></td>
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</tr>
<tr>
<td>11/30/2014</td>
<td>Maitland P. Simmons Memorial Award for New Teachers</td>
<td>National Science Teachers Association</td>
<td><a href="http://www.nsta.org/about/awards.aspx">http://www.nsta.org/about/awards.aspx</a></td>
</tr>
<tr>
<td></td>
<td>Award for New Teachers provides selected K–12 teachers (up to 25) in their first</td>
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<tr>
<td></td>
<td>five years of teaching with funds to attend the annual National Conference on</td>
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<td></td>
<td>Science Education. Award recipients will be mentored, tracked, and provided with</td>
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<td></td>
<td>continuing opportunities for meaningful involvement with NSTA and its activities.</td>
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<tr>
<td></td>
<td>To be eligible, a teacher must be within the first five years full-time at the</td>
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<tr>
<td></td>
<td>time of application and be an NSTA member in good standing; Preference: recipients</td>
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<tr>
<td></td>
<td>must have been a student member of NSTA as a preservice teacher. Award: The</td>
<td></td>
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<tr>
<td></td>
<td>award consists of up to $1,000 to be used to attend the annual National</td>
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<tr>
<td></td>
<td>Conference;</td>
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<tr>
<td>11/30/2014</td>
<td>SeaWorld Parks Outstanding Environmental Educator of the Year</td>
<td>National Science Teachers Association</td>
<td><a href="http://www.nsta.org/about/awards.aspx">http://www.nsta.org/about/awards.aspx</a></td>
</tr>
<tr>
<td></td>
<td>How Do I Nominate? Produce a video (less than 5 minutes) that answers the following</td>
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<td></td>
<td>questions:</td>
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<tr>
<td></td>
<td>* Why should this person be the Environmental Educator of the Year?</td>
<td></td>
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<tr>
<td></td>
<td>* What are the most significant positive impacts the nominee has made?</td>
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<td></td>
<td>* If your nominee is selected as a winner, how will that help them to make an even</td>
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<td>bigger impact on the environment?</td>
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<td></td>
<td>How does the nominee inspire others? Why are you personally nominating this</td>
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<tr>
<td></td>
<td>person? Post this video to YouTube and e-mail the link to <a href="mailto:buschgardenseducation@gmail.com">buschgardenseducation@gmail.com</a>.</td>
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<tr>
<td></td>
<td>Don't worry about production value of your video as much as communicating why you</td>
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<tr>
<td></td>
<td>think your nominee is the best candidate for the award.</td>
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</tr>
<tr>
<td>11/30/2014</td>
<td>PASCO STEM Educator Awards</td>
<td>National Science Teachers Association</td>
<td><a href="http://www.nsta.org/about/awards.aspx">http://www.nsta.org/about/awards.aspx</a></td>
</tr>
<tr>
<td></td>
<td>The PASCO STEM Educator awards recognizes excellence and innovation in the field of</td>
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<td></td>
<td>STEM education. The applicant must be a K–12 STEM educator. Individuals must have</td>
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<td>a minimum of 3 years teaching experience in the STEM fields, who implement</td>
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<td>innovative inquiry-based, technology infused STEM programs. One elementary level,</td>
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<td>two middle level, and two high school level recipients will be awarded annually.</td>
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<td></td>
<td>Each awardee will receive up to $1500 to cover travel expenses to attend the NSTA</td>
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<td>national conference and be part of a STEM share-a-thon workshop, a $1000 monetary</td>
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<tr>
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<td>gift, and a $2000 certificate for PASCO scientific products. The recipient of the</td>
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<td></td>
<td>award will be honored during the Awards Banquet at the NSTA national conference.</td>
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</tr>
</tbody>
</table>

**December 2014**

<table>
<thead>
<tr>
<th>Date</th>
<th>Award Description</th>
<th>Organization</th>
<th>Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/1/2014</td>
<td>The Bauder Endowment for the Support of Physics Teaching</td>
<td>American Association of Physics Teachers</td>
<td><a href="http://www.aapt.org/Programs/grants/bauderfund.cfm">http://www.aapt.org/Programs/grants/bauderfund.cfm</a></td>
</tr>
<tr>
<td></td>
<td>$500</td>
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</tbody>
</table>
Supports activities for AAPT members, such as workshops at the local level, that promote physics education utilizing physics apparatus. Funds can purchase equipment and materials used by participants in the workshop. Does not reimburse indirect or administrative costs.

12/5/2014
$500 gift certificate and materials

2014 Youth Garden Grants

http://grants.kidsgardening.org/

20 Schools receive award. NGA awards Youth Garden Grants to schools and community organizations with child-centered garden programs. In evaluating grant applications, priority will be given to programs that emphasize one or more of these elements: * educational focus or curricular/program integration. * nutrition or plant-to-food connections, * environmental awareness/education, * entrepreneurship * social aspects of gardening such as leadership development, team building, community support, or service-learning.

12/13/2014
FREE lab supplies - BIO-LINK Depot


10AM-2 PM - Lab equipment give away for middle and high schools. Lots of great equipment, but you need to follow the rules. Don't forget to read their website.

January 2015

1/1/2015
$1000 and recognition

Outstanding Leadership in Science Education

http://www.nsela.org/awards/outstanding-leadership-in-science-education-award-olise

Award to an outstanding member who leads the school, school district, region, state, or area as science supervisor. Any member is invited to nominate a worthy colleague. Both nominator and nominee must be NSELA members in good standing.

1/2/2015
$1000 +

Teacher Induction Program

http://www.nthf.org/nominate.htm

The National Teachers Hall Of Fame

1/14/2015
$500-$5000

Youth Creativity Grants

http://bit.ly/1v5rDYq

LEGO Children's Fund

Areas of support: 1) Early childhood education and development that is directly related to creativity. 2) Technology and communication projects that advance learning opportunities. Awarded quarterly.

1/15/2015

$1200

School Garden Grant

http://www.calfertilizer.org/Grant14.htm

California Fertilizer Foundation

1/15/2015

$2,000-10,000

Community Action Grants


American Association of University Women

Community action grants provide funds to individuals local community-based nonprofit organizations for innovative programs or non-degree research projects that promote education and equity for women and girls. •One-year grants ($2,000-$7,000) provide seed money for new projects. •Two-year grants ($5,000-$10,000) provide start-up funds for longer-term programs that address the particular needs of the community and develop girls' sense of efficacy through leadership or advocacy opportunities. Topic areas are unrestricted, but should include a clearly defined activity that promotes education and equity for women and girls. Applicants must be women who are U.S. citizens or permanent residents. Special consideration is given to projects focused on K-12 and community college girls' and women's achievements in science, technology, engineering or math.

1/30/2015

$10,000 grand prize, many more smaller prizes

ExploraVision K-12 student competition

http://www.exploravision.org/

Toshiba America Foundation

The Toshiba/NSTA ExploraVision science competition encourages K – 12 students to imagine what technology might be like in the future. ExploraVision helps teacher sponsors meet many of the National Science Education Standards while letting students experience scientific process and discovery in an engaging, hands-on way. Let's empower the next generation of inventors, scientists and leaders.

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed: 10/8/2014
Captain Planet Foundation Grant

**http://captainplanetfoundation.org/apply-for-grants/**

Generally this deadline is for Fall and Winter 2013 project. In order to be considered for funding, proposals must:
- Promote understanding of environmental issues
- Focus on hands-on involvement
- Involve children and young adults 6-18 (elementary through high school)
- Promote interaction and cooperation within the group
- Help young people develop planning and problem solving skills
- Include adult supervision
- Commit to follow-up communication with the Foundation (specific requirements are explained once the grant has been awarded)

February 2015

2/1/2015  Grants For Grades 6 - 12  
Toshiba America Foundation

**http://www.toshiba.com/taf/612.jsp**

Toshiba America Foundation is accepting applications from teachers who are passionate about making science and mathematics more engaging for their students. Do you have a wish list of instructional equipment that will make learning more exciting for your students?

2/1/2015  Learning & Leadership Grants  
The NEA Foundation

**http://www.neafoundation.org/pages/learning-leadership-grants/**

Grant supports public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education for one of the following purposes:
- Grants to individuals fund participation in high-quality professional development experiences, such as summer institutes or action research; or
- Grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment.

2/1/2015  Student Achievement Grants  
The NEA Foundation

**http://www.neafoundation.org/pages/nea-student-achievement-grants/**

The proposed work should engage students in critical thinking and problem solving that deepen their knowledge of standards-based subject matter. The work should also improve students’ habits of inquiry, self-directed learning, and critical reflection. Proposals for work resulting in low-income and minority student success with honors, advanced placement, or other challenging curricula are particularly encouraged.

2/1/2015  American Honda Foundation Grant  
American Honda Foundation


Supports youth education with a specific focus on the STEM (science, technology, engineering and mathematics) subjects in addition to the environment.

2/26/2015  Ultimate Cool Science Day Sweepstakes  
Discovery Education

**http://www.siemensscienceday.com/enter_sweepstakes.cfm**

Can submit an entry on-line everyday for this sweepstakes. Imagine a day of Discovery at your school complete with engaging science demonstrations, hands-on activities and thrilling special surprises. Enter often to improve your chances of winning the Ultimate Cool School Science Day! For your school.

2/28/2015  SIGMS Technology Innovation Award - date approx  
International Society for Technology in Education

**http://www.iste.org/membership/awards-recognition/awarddetail?AwardTypeID=8**

Nominations open November 1. This award is presented to two teams of a school librarian and collaborating teacher from one primary school, and one secondary school, each year. Teams have planned a collaborative project involving technology, received support from administration, and successfully executed the project with supportive data and evidence for others to replicate the project. Award winners will receive:
- Recognition at ISTE’s annual conference and exposition. Complimentary registration to ISTE’s annual conference and exposition (two per team).
- Up to $1,000 travel stipend for ISTE’s annual conference and exposition (one per team).
- A $1,000 cash award payable to the school media center (one per team).
- A $300 professional library from ISTE (one per team).
- A one-year ISTE membership (two per team).
- Recognition in ISTE publications, in press releases to local media, and on iste.org.
We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed: 9/30/2014  Teacher Grants - Rolling Deadlines

Teacher Grants: Rolling or Continuous Deadlines

<table>
<thead>
<tr>
<th>free science boards and more</th>
<th>Science Project Support Application</th>
<th>Synopsys Outreach Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.outreach-foundation.org/cgi-bin/other_cc1.cgi?c=Alameda">http://www.outreach-foundation.org/cgi-bin/other_cc1.cgi?c=Alameda</a></td>
<td>In order to assist as many teachers as many schools as possible the foundation is limiting requests for science project poster boards to a maximum of 100 boards per teacher and a maximum of 300 boards per school.</td>
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<td></td>
<td></td>
<td>• Each teacher may request: up to 100 science project poster boards (maximum 300 per school), up to 300 round, adhesive &quot;I Did It&quot; stickers, up to 5 &quot;science-o-rama&quot; event posters</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Teacher wishlist</th>
<th>Adopt-A-Classroom Grants</th>
<th>Adopt-A-Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.adoptaclassroom.org">http://www.adoptaclassroom.org</a></td>
<td>Register your public school classroom online. This site pairs you with people who want to give money to your classroom to support your teaching.</td>
</tr>
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<thead>
<tr>
<th>FREE</th>
<th>Free BART Rides for School Field Trips Program</th>
<th>Bay Area Rapid Transit</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.bart.gov/tickets/fieldtrips">http://www.bart.gov/tickets/fieldtrips</a></td>
<td>As of September 9 they have reached their quota, but you can still apply to be put on a waitlist and be notified in January.</td>
</tr>
</tbody>
</table>

BART is partnering with Monterey Bay Aquarium to provide Free BART Rides for School Field Trips to Bay Area students this school year. Thanks to Monterey Bay Aquarium for providing the funding for this exciting program. Approximately 40,000 students (up to age 18), teachers and chaperones will have the opportunity to ride BART free for educational field trips during the 2014-2015 school year. Beginning in August, Bay Area schools may apply for free BART rides for educational field trips online on a first-come, first-served basis. Please apply at least 3 weeks in advance of your trip and plan on having 1 adult per 15 students.

<table>
<thead>
<tr>
<th>Approximate value - $1000</th>
<th>Amy Chamberlain Scholarship Fund</th>
<th>Bay Area Wilderness Training</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.bawt.org/programs/funding/scholarships/">http://www.bawt.org/programs/funding/scholarships/</a></td>
<td>Each scholarship provides full tuition to BAWT’s Wilderness Leadership Training (WLT), as well as additional post-course support including site visits by BAWT staff during the 12 months following WLT participation. Must apply one month prior to the class you desire to take.</td>
</tr>
</tbody>
</table>

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<tr>
<th>Varies</th>
<th>Friends &amp; Family Grants - BERKELEY Schools only</th>
<th>Berkeley Public Schools Fund</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><a href="https://schoolsfund-friendsandfamily.herokuapp.com/">https://schoolsfund-friendsandfamily.herokuapp.com/</a></td>
<td>This new crowd-funding platform allows teachers to submit grant applications to fund a new project, materials, or equipment anytime throughout the year. Anyone can donate to a grant, and the site is searchable by teacher, school, and subject area. Teachers have already started using Friends &amp; Family, and some projects have already been successfully funded. Take a look and help support your favorite teacher, school, or project!</td>
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<td></td>
<td></td>
<td>Highlights of Friends and Family Grants:</td>
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<td></td>
<td></td>
<td>* Similar to DonorsChoose but with fewer barriers for funding and exclusively for Berkeley teachers</td>
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<tr>
<td></td>
<td></td>
<td>* Teachers can submit brief applications for grants at anytime throughout the year</td>
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<td></td>
<td></td>
<td>* Friends and Family Grants are administered by the Schools Fund but projects are funded by community donors through crowdfunding</td>
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<tr>
<td></td>
<td></td>
<td>* Share grants quickly and easily through email, Facebook, or Twitter</td>
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<td></td>
<td></td>
<td>* The Schools Fund annual Classroom Grants process will not change</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>discount bus rental rate</th>
<th>Black Tie Community Bus</th>
<th>Black Tie Transportation</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.blacktietrans.com/fleet-type/community/">http://www.blacktietrans.com/fleet-type/community/</a></td>
<td>Bus is offered to non-profit organizations and to schools to transport children ages K-12 for school outings. The bus is available at a discounted rate to those who apply in advance and meet the requirements of the application process. Seating: Grades K-4, 60 passengers (3 adults required) Grades 5-12, 42 passengers (2 adults required) Rates / $75.00 per hr (5 hour min.)</td>
</tr>
</tbody>
</table>
computer hardware

Classroom Computers

http://computersforlearning.gov/

Schools register and request equipment on the Computers for Learning web site. Federal agencies match their surplus equipment to schools with those needs. Computers and equipment are not refurbished by the government before being shipped to schools, nor are they covered by warranty.

technology

Digital Wish List

http://www.digitalwish.com/dw/digitalwish/home

Site offers a place for teachers to create a technology wish list. Individuals can then go in to grant these wishes.

$100-1000

Classroom Wishlist

http://www.donorschoose.org/teachers

Teachers describe classroom needs. Contributors decide where they want to put their money. Many corporations including Disney, Chevron, and Horace Mann are now using DonorsChoose.org as the way they give away money to education.
How it works:
1. Choose the exact items you need and describe how they'll benefit your students.
2. People, companies, and foundations can help fund your request.
3. Once funded, resources sent directly to your classroom.

discounted bus

Parks Express Transportation Services

http://www.ebparks.org/activities/educators/trips#parkex

Discount buses ($110) for field trips to East Bay Regional Parks. Schools must have at least 50% of students in Free or Reduced Lunch Program. 40 passengers minimum. They start making assignments in December for the coming year. Apply ASAP even for programs in fall. Need not have naturalist program pre-arranged. They will help coordinate with naturalist program.

Free Admission

Free Admission to CA Title 1 Schools

http://www.exploratorium.edu/visit/field-trips

Sign up Now for field trips during the first year that the Exploratorium is at Pier 15

$100 to $500

Funds for Outdoor Field Trips

http://www.fieldtripgroup.org/for_teachers.html

Grants for outdoor environmental field trips for grades 3 - 5. Grants are provided to teachers in Bay Area schools with a majority of low-income students. Grants range from $100 to $500, but exceptional grants may be approved up to $1000. Grants with a lower cost per student will be more favorably evaluated. Can be used for program or bus fees.

Varies

Education Grant Database

http://www.grantwrangler.com/

Check out this website for all types of grants for classrooms

$1000-$5000

Education Grants

http://www.kindermorgan.com/community/km_foundation_guidelines.cfm

Due the 10th of each month. Academic programs, including tutoring; Arts education programs; Environmental education programs that work with local schools and meet curriculum standards

up to $150

Classroom Grant

http://www.petsintheclassroom.org/teachers/

Pets in the Classroom grants are offered to Pre-Kindergarten through Eighth grade classes only in both public and private schools. These grants are intended to support pets or aquariums in the classroom for the purposes of teaching children to bond with and care for their pets responsibly. The welfare of the small animals involved is of paramount importance. These grants must not be used for the purposes of research or experiments of any kind.
There are five (5) grant types, including: 1- Rebate Grants in the amounts of $100 (for small animal or birds) or $150 (for reptiles or fish) for purchases at any pet store; 2- the Sustaining Grant in the amount of $50 to maintain an existing classroom pet; 3- Petco Grant, which provides coupons for the live animal, pet habitat and supplies purchased at Petco; and 4- a Petsmart Grant, which provides coupons for the live animal, pet habitat and supplies purchased at Petsmart. 5- Pet Supermarket Grant,which provides coupons for live animal and pet supplies purchased at Pet Supermarket.

We're here to help you find the science resources you're looking for. Email us at CRS@crscience.org

Printed:  9/30/2014
Teacher Grants - Rolling Deadlines
<table>
<thead>
<tr>
<th>Budget Level</th>
<th>Grant Program Description</th>
<th>Granting Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1000 for fieldtrips</td>
<td>Excursion Grant - Alameda County</td>
<td>Philanthropic Ventures Foundation</td>
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<tr>
<td></td>
<td>Check back often to see if funding renewed. Grants of up to $1,000 to fund classroom excursions; funds can cover the cost of transportation, admission fees and food. Public school teachers for grades K-5, Alameda and San Mateo counties can apply for grant funding.</td>
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<tr>
<td>up to $2500</td>
<td>After School Grant Program - Oakland Schools</td>
<td>Philanthropic Ventures Foundation</td>
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<tr>
<td></td>
<td>Who: Alum Rock, East Side Union High, Franklin-McKinley, Oakland and Redwood City school district teachers grades 6-12th are eligible to apply. There is a limit of two grants per school each school year. Teachers are encouraged to come up with new ideas for after school programs. Grants up to $2,500 are available to cover costs of equipment, teacher time, and/or refreshments.</td>
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<tr>
<td>discounted overnight programs</td>
<td>Get to the Coast discount</td>
<td>Point Bonita YMCA</td>
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</tbody>
</table>
|             | Funding from the Coastal Conservancy to help subsidize a three day residential OE program for middle and high school students, Programs:  
  · Build community through safe, meaningful and fun learning experiences  
  · Develop students’ knowledge of the natural world and inspire inquiry and wonder while meeting state standards  
  · Empower students to be environmental stewards & make healthy living choices | |
| Varies | Grants for Teachers | Teacher Planet |
|             | Database of education grants of all types and amounts. | |
| $5000 of less | Mini-Grants For Grades 6 - 12 | Toshiba America Foundation |
|             | Wanted: Classroom Innovators! Toshiba America Foundation is accepting applications from teachers who are passionate about making science and mathematics more engaging for their students. Do you have a wish list of instructional equipment that will make learning more exciting for your students? | |
| $5000 | Education Grants | Wells Fargo Foundation |
|             | Rolling Deadline: San Francisco Bay Region accepts grant proposals from January through October 31st  
  Supports educational programs promoting academic achievement by low- to moderate-income students in the key areas of: Math and science; Literacy; History of the American West | |
Teacher Grants: Specific Deadlines

August 2014

8/15/2014  Field Trip Grants - Applications are open  Target
May be used to fund trips ranging from visits to art museums and environmental projects to cultural events and civic experiences. Apply on-line. The Earlier you apply in the fall the better

8/16/2014  Kids In Need Teacher Grants - Applications Available  Kids In Need Foundation
$100-500  http://www.kinf.org/grants/grant_applications.php
Multiple funders and grants. Similar applications. Get a packet of materials just for applying. You can submit a different project to each of the funders. Funds projects that make creative use of common teaching aids, approach curriculum from an imaginative angle, or tie nontraditional concepts together for the purpose of illustrating commonalities. Innovation and merit account for 40% of the evaluation.

8/18/2014  Fulbright Distinguished Awards in Teaching Apps Open  Fulbright Teacher Exchange
Study abroad  http://www.fullbrightteacherexchange.org/
The Distinguished Fulbright Awards in Teaching Program is designed to recognize and encourage excellence in teaching in the U.S. and abroad. Twenty-four highly talented U.S. and international teachers are selected to receive a grant to study at a university, conduct research, teach classes and workshops, and develop a project pertaining to their field of educational inquiry during their semester overseas.

8/27/2014  Berkeley USD ONLY - Classroom Grants OPEN  Berkeley Public Schools Fund
$100-$5000  http://www.berkeleypublicschoolsfund.org/grants/classroom-grants/
first Date to submit grant requests

8/28/2014  Raytheon-EiE Teacher Scholarship Program - app open  Raytheon
$2500 value of PD and materials  http://www.eie.org/eie-curriculum/scholarships-elementary-teachers
The Raytheon-EiE Teacher Scholarship program supports teachers in implementing EiE in their elementary classroom by providing funds for professional development and classroom materials. Attend an EiE workshop at the Museum of Science and receive a complete set of EiE classroom materials. The total value of the award is more than $2,500.

September 2014

9/1/2014  Begin Accepting Zoo-to-Community applications  Oakland Zoo
discounted or free programs  http://www.oaklandzoo.org/Zoo_to_Community.php
Zoo-to-Community applications start acceptance on September 1st, 2014. Oakland Zoo provides discounted and free science education programs through our Zoo-to-Community initiative for underserved students attending Title 1 schools in Alameda County.

9/14/2014  Melinda Gray Ardia Environmental Foundation Grant  Melinda Gray Ardia Environmental Foundation, Ltd.
$1500  http://www.mgaef.org/index.html
Supports curricula that empowers and encourages students to become involved in solving environmental and social problems. Eligible applicants are K-12 educators that wish to develop environmental curricula that integrates field activities and classroom teaching.

9/19/2014  California Casualty Academic Award  California Casualty
$2500  http://www.calcasademicaward.com/
Enter to win $2500 to cover your out of pocket expenses

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Printed: 8/13/2014  Teacher Grants
9/26/2014  Kids Healthy Outdoors Challenge (KHOC)  East Bay Regional Park District
FREE transportation for a field trip

KHOC’s goal is connecting third graders to the outdoors and recreational opportunities, promoting health and well-being, physical activity and life-long parks use. The program helps bridge the gap between classroom learning and outdoor activity by providing:

- A Kids curriculum booklet and Teacher Guide filled with engaging activities
- Aligned with third grade curriculum content standards.
- An EBRPD-facilitated orientation to using the curriculum.
- A free EBPDD Field Trip for every participating class.

Applications to participate will be accepted from third grade teachers in Alameda and Contra Costa County public schools. About 50 classrooms will be selected to participate. Applications will be available in August 2014, and due in September.

9/29/2014  Berkeley USD ONLY - Classroom Grants Deadline  Berkeley Public Schools Fund
$100-$5000

Deadline to submit grant requests

9/30/2014  GreenWorks! Grants for Registered PLT GreenSchools!  Project Learning Tree
$3000

Applications must meet all the parameters for traditional GreenWorks! grant funding
- Applicants must be a school (public or private)
- Applicants must be registered on the PLT GreenSchools! website (It’s free!)
- Applicants must have an PLT Green Team
- Applicants must have completed one of more of the PLT GreenSchools! Investigations
- The project must be based on the findings of one or more of the PLT GreenSchools! Investigations

9/30/2014  Captain Planet Foundation Grant  Captain Planet Foundation
$250-2,500

In order to be considered for funding, proposals must:
- Promote understanding of environmental issues
- Focus on hands-on involvement
- Include children and young adults 6-18 (elementary through high school)
- Promote interaction cooperation within the group
- Help young people develop planning and problem solving skills
- Include adult supervision
- Commit to follow-up communication with the Foundation (specific requirements are explained once the project has been awarded)

9/30/2014  Traditional GreenWorks! Grant  Project Learning Tree
$1000

Grants must be completed in one year
- Grants must have attended a PLT workshop
- The proposed project must involve service-learning
- The proposed project must exemplify student voice
- The proposed project must involve at least one community partner
- The proposed project must secure at least 50% matched funds (in-kind acceptable)

October 2014

10/1/2014  Fund for Teachers Grants OPEN - Oakland & San Francisco Teact  Fund for Teachers
$5000-7500

Application available October 1. Apply on-line. Oakland USD and San Francisco USD Money for professional development

10/1/2014  Grants for K-5  Toshiba America Foundation
$1000

Eligible projects must: advance the teacher’s science and math K-5 education, occur during the school day, take place over at least three class sessions, not be based solely on the purchase of a pre-packaged kit, and be completed by May 1st.

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Printed: 8/13/2014  Teacher Grants
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<tr>
<th>Date</th>
<th>Description</th>
<th>Website/Source</th>
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<tr>
<td>10/1/2014</td>
<td>Fall 2014 Jamba Juice &quot;It's All About the Fruit and Veggies&quot; Garde</td>
<td><a href="http://grants.kidsgardening.org/">http://grants.kidsgardening.org/</a></td>
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<td></td>
<td>Raise a juice or smoothie to celebrate the fourth year of Jamba Juice Garden Grants. National Gardening Association and Jamba Juice are proud to present The Fall 2014 “It’s All About the Fruit and Veggies” Garden Grant! 20 awards will be available to schools, community organizations, and nonprofits. One (1) Grand Prize Winner will be awarded with a $1,500 award package and 19 programs will receive $500 award packages!</td>
<td></td>
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<tr>
<td>10/1/2014</td>
<td>Field Trip Grants - Deadline to apply</td>
<td><a href="https://targetfieldtripgrants.target.com/rules.php">https://targetfieldtripgrants.target.com/rules.php</a></td>
</tr>
<tr>
<td></td>
<td>May be used to fund trips ranging from visits to art museums and environmental projects to cultural events and civic experiences. Apply on-line. The Earlier you apply in the fall the better</td>
<td></td>
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# Teacher Grants: Rolling or Continuous Deadlines

<table>
<thead>
<tr>
<th>Teacher wishlist</th>
<th>Adopt-A-Classroom Grants</th>
<th>Adopt-A-Classroom</th>
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<tr>
<td>$250</td>
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<td>Free BART Rides for School Field Trips Program</td>
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<td>$100-1000</td>
<td>Classroom Wishlist</td>
<td>DonorsChoose.org</td>
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Printed: 8/13/2014  
Teacher Grants - Rolling Deadlines
http://www.donorschoose.org/teachers
Teachers describe classroom needs. Contributors decide where they want to put their money. Many corporations including Disney, Chevron, and Horace Mann are now using DonorsChoose.org as the way they give away money to education.
How it works:
1. Choose the exact items you need and describe how they'll benefit your students.
2. People, companies, and foundations can help fund your request.
3. Once funded, resources sent directly to your classroom.

$500
Do Something Seed Grants
http://www.dosomething.org/grants/seed-grants
Register your school to take part in the challenge! Get your friends to sign up too. Browse projects ideas for your school to tackle to increase recycling, save energy, promote green agriculture, and more! Report back on your completed projects to be judged by a panel of celebrity and expert judges! Bring the challenge home! You don’t have to just green your school, you can green your home too!

discounted bus
Parks Express Transportation Services
East Bay Regional Park District
http://www.ebparks.org/activities/educators/trips#parkex
Discount buses ($110) for fieldtrips to East Bay Regional Parks. Schools must have at least 50% of students in Free or Reduced Lunch Program. 40 passengers minimum. They start making assignments in December for the coming year. Apply ASAP even for programs in fall. Need not have naturalist program pre-arranged. They will help coordinate with naturalist program

Free Admission
Free Admission to CA Title 1 Schools
Exploratorium
http://www.exploratorium.edu/visit/field-trips
Sign up Now for field trips during the first year that the Exploratorium is at Pier 15

$100 to $500
 Funds for Outdoor Field Trips
Field Trip Foundation
http://www.fieldtripgroup.org/for_teachers.html
Grants for outdoor environmental education field trips for grades 3 - 5. Grants are provided to teachers in Bay Area schools with a majority of low-income students. Grants range from $100 to $500, but exceptional grants may be approved up to $1000. Grants with a lower cost per student will be more favorably evaluated. Can be used for program or bus fees.

Varies
Education Grant Database
GrantWrangler
http://www.grantwrangler.com/
Check out this website for all types of grants for classrooms

$500 in materials
Classroom Wishlist
iLoveSchools.com
http://www.iloveschools.com/
Register your school with I Love Schools.com. The site matches you up with people wanting to donate equipment to your school

$1000-$5000
Education Grants
Kinder Morgan Foundation
http://www.kindermorgan.com/community/km_foundation_guidelines.cfm
Due the 10th of each month. Academic programs, including tutoring; Arts education programs; Environmental education programs that work with local schools and meet curriculum standards

$500-$5000
The LEGO Children’s Fund
LEGO Children's Fund
http://www.legochildrensfund.org/Guidelines.html
Areas of support: 1) Early childhood education and development that is directly related to creativity. 2) Technology and communication projects that advance learning opportunities. Awarded quarterly. Can NOT use funds to buy LEGOS.

up to $150
Classroom Grant - begin accepting applications
Pets in the Classroom
http://www.petsintheclassroom.org/teachers/

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Printed: 8/13/2014  Teacher Grants - Rolling Deadlines
Pets in the Classroom grants are offered to Pre-Kindergarten through Eighth grade classes only in both public and private schools. These grants are intended to support pets or aquariums in the classroom for the purposes of teaching children to bond with and care for their pets responsibly. The welfare of the small animals involved is of paramount importance. These grants must not be used for the purposes of research or experiments of any kind.

There are five (5) grant types, including: 1- Rebate Grants in the amounts of $100 (for small animal or birds) or $150 (for reptiles or fish) for purchases at any pet store; 2- the Sustaining Grant in the amount of $50 to maintain an existing classroom pet; 3- Petco Grant, which provides coupons for the live animal, pet habitat and supplies purchased at Petco; and 4- a Petsmart Grant, which provides coupons for the live animal, pet habitat and supplies purchased at Petsmart. 5- Pet Supermarket Grant, which provides coupons for live animal and pet supplies purchased at Pet Supermarket.

$1000 for fieldtrips
Excursion Grant - Alameda County
Philanthropic Ventures Foundation
http://venturesfoundation.org/programs/teacher-grants/excursion-grants-program
Check back often to see if funding renewed. Grants of up to $1,000 to fund classroom excursions; funds can cover the cost of transportation, admission fees and food. Public school teachers for grades K-5, Alameda and San Mateo counties can apply for grant funding.

up to $2500
After School Grant Program - Oakland Schools
Philanthropic Ventures Foundation
http://venturesfoundation.org/programs/teacher-grants
Who: Alum Rock, East Side Union High, Franklin-McKinley, Oakland and Redwood City school district teachers grades 6-12th are eligible to apply. There is a limit of two grants per school each school year. Teachers are encouraged to up with new ideas for after school programs. Grants up to $2,500 are available to cover costs of equipment, teacher time, and/or refreshments.

discounted overnight programs
Discounted Pricing for New School Registrations
Point Bonita YMCA
www.pointbonitaymca.org
Point Bonita YMCA is offering a NEW SCHOOL SPECIAL: Select 3-day programs for only $150/student, Select 5-day programs for only $300/student, Teachers free Programs
- Build community through safe, meaningful and fun learning experiences
- Develop students’ knowledge of the natural world and inspire inquiry and wonder while meeting state standards
- Empower students to be environmental stewards & make healthy living choices

Get to the Coast discount
Point Bonita YMCA
https://docs.google.com/forms/d/1JjI-DSgYDORjbs5pYLWRxBCzeOZ4Zu6xiklzLKw7B0/viewform
Funding from the Coastal Conservancy to help subsidize a three day residential OE program for middle and high school students
Programs
- Build community through safe, meaningful and fun learning experiences
- Develop students’ knowledge of the natural world and inspire inquiry and wonder while meeting state standards
- Empower students to be environmental stewards & make healthy living choices

$1000 to $5,000
Mini Grants - ACT FAST!
StopWaste.org
ACT FAST. First come first served! deadline is actually ongoing, but we imagine the allocation will be gone quickly. StopWaste.Org is looking for innovative projects which will increase individual and community involvement in source reduction efforts, decrease the amount of waste generated and sent to the County’s landfills, and encourage the development, marketing and use of recycled products. StopWaste.Org has allocated a total of $15,000 in fiscal year.

free science boards and more
Science Project Support Application
Synopsys Outreach Foundation
http://www.outreach-foundation.org/cgi-bin/other_cc1.cgi?c=Alameda
In order to assist as many teachers as at as many schools as possible the foundation is limiting requests for science project poster boards to a maximum of 100 boards per teacher and a maximum of 300 boards per school.
- Each teacher may request: up to 100 science project poster boards (maximum 300 per school), up to 300 round, adhesive "I Did It" stickers, up to 5 "science-o-rama" event posters

Varies
Grants for Teachers
Teacher Planet
http://grants4teachers.com/
Database of education grants of all types and amounts.

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Printed: 8/13/2014 Teacher Grants - Rolling Deadlines
$5000 of less  Mini-Grants For Grades 6 - 12  Toshiba America Foundation

http://www.toshiba.com/taf/612.jsp
Wanted: Classroom Innovators! Toshiba America Foundation is accepting applications from teachers who are passionate about making science and mathematics more engaging for their students. Do you have a wish list of instructional equipment that will make learning more exciting for your students?

$5000  Education Grants  Wells Fargo Foundation

https://www.wellsfargo.com/about/charitable/ca_guidelines
Rolling Deadline. San Francisco Bay Region accepts grant proposals from January through October 31st. Supports educational programs promoting academic achievement by low- to moderate-income students in the key areas of: Math and science; Literacy; History of the American West