



CRS

COMMUNITY RESOURCES FOR SCIENCE
practical support for great science teaching

1611 San Pablo Avenue, Suite 10B
Berkeley, California 94702

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Education Programs

1st Grade - Waves: Light and Sound

Program Type: Assembly

Lawrence Hall of Science
Berkeley
lawrencehallofscience.org

Wizard's Lab on Wheels Festival @ School Site

https://www.lawrencehallofscience.org/programs_for_schools/science_at_your_site

Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

From the LHS Wizard's Lab come dozens of hands-on science exhibits to illustrate principles of electricity; optics; sound; movement; and magnetism. Our staff performs exciting high voltage electricity demonstrations including the Van de Graaff electricity generator that stands hair on end! For our evening programs, we add a low-temperature show featuring amazing effects produced by liquid nitrogen.

Program Type: Family Science Night

Children's Discovery Museum of San Jose
San Jose
<http://www.cdm.org>

Oh Seuss! Family Science Night

<http://www.cdm.org>

Grade Levels: K;1st;2nd;3rd;4th;5th

Do you know the science behind Seuss? Create a kite like Thing 1 and Thing 2 in *The Cat and The Hat*, construct a periscope to see across the land like Yertle the Turtle, build a maze to explore *Oh the Places You'll Go!*, and discover microscopic friends just like Horton in *Horton Hears a Who*. Explore the crazy contraptions and wacky adventures in these Dr. Seuss books and others!

- Staff Development: 45 minutes prior to the event
- Event: 1.5 hours on a weekday evening
- Total Time: 3.0 hours, 5:00 p.m. to 8:00 p.m.
- Materials for 10 interactive science activities promoting hands-on experiences focusing on the theme of your choice
- A 45-minute training for parents and teachers
- Staff support throughout the event
- Curriculum materials for teachers to use in their classroom

Your School Provides

- 12 adults to be trained as facilitators for the event
- A large open room, such as the school cafeteria
- 11 tables; 10 for interactive stations, and 1 small table for sign in

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Program Type: Field Trip

Big Break Regional Shoreline
Oakley

http://www.ebparks.org/parks/big_break

U-Pick Nature Program

https://www.ebparks.org/activities/educators/field_trips/trips/default.htm

Grade Levels: K;1st;2nd;3rd;5th;6th;PK;TK

Let us work with you to customize a program to fit your needs. Examples: animal clues and homes; birds; plants; plankton; owl pellet dissections; nature art and crafts; local history; and more.

Exploratorium
San Francisco

<http://www.exploratorium.edu>

Bechtel Gallery 3: Seeing and Listening

<https://www.exploratorium.edu/visit/galleries>

Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Experiment with light and vision, sound and hearing, and motion and spatial perception. Our eyes and ears respond to light and sound waves, but these are just the first steps in perceiving the world. Playing with light and sound is the best way to learn how they work. Investigating real phenomena can also give you a deeper understanding of the scientific process.

Gallery 2: Tinkering

<https://www.exploratorium.edu/visit/galleries>

Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Think with your hands. Making things and developing ideas by hand helps us construct understanding. Slow down, settle in, and make something personally meaningful—from playful contraptions to surprising connections between mechanical systems and natural phenomena.

Outdoor Gallery: Open your senses to this place by the Bay.

<https://www.exploratorium.edu/visit/galleries>

Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th

Investigate forces shaping the City, Bay, and region. Watch shifting winds and tides, reveal hidden life, shake a bridge, observe human behavior, and find new ways to notice the places we inhabit.

Fisher Bay Observatory Gallery 6: Observing Landscapes

<https://www.exploratorium.edu/visit/galleries>

Grade Levels: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th

Explore the local environment. Natural and human forces interact to create the dynamic landscape surrounding us. Learn to uncover the stories embedded in a place by directly observing the geography, history, and ecology of the San Francisco Bay region.

Lawrence Hall of Science

Berkeley

lawrencehallofscience.org

Self-Guided Visit

https://www.lawrencehallofscience.org/visit/field_trips

Grade Levels: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th

Take your students to the Lawrence Hall of Science to enjoy the exhibits.

Program Type: In-Class Program

Mad Science - Mt. Diablo

Concord

<http://www.madscience.org/locations/mtdiablo/>

Seeking Our Senses

<http://www.madscience.org/locations/southbay/Workshops1.aspx?sm=5264>

Grade Levels: K; 1st; 2nd

Introduce children to all five of our senses. Look at how each of the senses work to help us in our everyday lives.

Rock-It Science

Santa Clara

<https://rockitscience.com/>

In-class Programs for Schools in Silicon Valley

<https://rockitscience.com/inschoollessons/>

Grade Levels: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th

A variety of topics are offered. Each science lesson lasts 45-60 minutes. The classroom teacher observes the lesson and participates if they wish. Our instructors can teach up to 40 students at a time (up to 30 for kindergarten).

Program Type: Temporary Exhibit

Exploratorium

San Francisco

<http://www.exploratorium.edu>

Self, Made

<https://www.exploratorium.edu/selfmade>

Grade Levels: K; 1st; 2nd; 3rd; 4th; 5th; 6th; 7th; 8th; 9th; 10th; 11th; 12th

(May 23–Sep. 2, 2019) Dive into the universe of you and spark great conversations at this bold yet playful all-ages exhibition. Whether you find yourself, lose yourself, or reinvent yourself, we hope you'll be part of the experiment. This bold yet playful exhibition features dozens of new interactives, artifacts, and artworks, including the costumes worn by Shuri and T'Challa in Marvel's Black Panther and work by Kehinde Wiley, painter of the official White House portrait of Barack Obama.