Education Programs
Second Grade Earth Science

Program Type: Assembly

Banana Slug String Band
Santa Cruz
http://www.bananaslugstringband.com

Living with the Earth
http://www.bananaslugstringband.com/pages/workshops.html
Grade Levels: K;1st;2nd;3rd;4th;5th;6th
The Slugs blend music, theater, puppetry and audience participation to create a fun-filled learning environment. A discovery of the magical relationship between animals, plants and the Earth. During this musical journey students will meet a six-foot tall Banana Slug, learn how dirt made their lunch and rap with Nature Man.

Earth Adventure
Circle Pines
http://www.earthadventure.org/Earth_Balloon.cfm

Earth Balloon School Assembly Program
http://www.earthadventure.org/Earth_Balloon.cfm
Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
The Earth Balloon program is most often used in elementary and middle schools as a school assembly program. Grade level appropriate content is taught that includes specific learning objectives and matches to many earth science and geography education standards. Programs include content presentation, interactive question and answers, inquiry based learning, demonstration and activity.

Grade K: Our Amazing Earth - animals and their environments
Grade 1: Hello Meet the Earth - an introduction to the planet
Grade 2: Earth Explorations - continents and oceans
Grade 3: Rain or Shine - precipitation, temperature, and patterns
Grade 4: Biomes and Ecosystems - rain forests, deserts, and more
Grade 5: The Fractured Earth - a look at plate tectonics
Grade 6: The Ever Changing Earth - processes that shape and form the planet

Program Type: Field Trip

Archaeological Research Facility
Berkeley
http://arf.berkeley.edu/
Archaeology is an interdisciplinary subject that uses history, math, science, art, literature, and cultural studies to investigate the past. Graduate student researchers can provide guided tours of their archaeological laboratory facilities for class groups, or serve as job-shadow mentors for a day. If a teacher is interested in bringing their students on a guided tour of a local archaeological site, the ARF can help arrange that, as well.

Bay Model Visitor Center
Sausalito
http://www.spn.usace.army.mil/Missions/Recreation/BayModelVisitorCenter.aspx

Guided Ranger Tour
http://www.spn.usace.army.mil/Missions/Recreation/BayModelVisitorCenter/TeachersQuest/OurEducationalPrograms.aspx
Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
The Bay Model Visitor Center provides public information and educational programs focusing on the environmental, historical and cultural elements of the San Francisco Bay region. These educational programs focus on concepts such as geography, geology, tide cycle, water cycle, the food chain and map scale.
Pre-scheduled programs can be arranged for groups of 10 or more, and are approximately 1-½ hours in length. This tour will provide valuable knowledge about the history of the hydraulic model of our estuary in San Francisco Bay and Delta and can be tailored to specific interests of your group.

Black Diamond Mines Regional Preserve
Antioch
http://www.ebparks.org

California Mining History
http://www.ebparks.org/activities/educators
Grade Levels: 2nd;3rd;4th;5th;6th
A hike through the town site of Somerville to discover the local coal and sand mining history of the area. This program no longer includes an underground visit to the Greathouse Visitor Center. This program is two hours long.

Black Diamond Geology
http://www.ebparks.org/activities/educators
Grade Levels: 2nd;3rd;4th;5th;6th
A hike along the trails at Black Diamond to learn how millions of years of geologic activity have influenced the cultural and natural history of this Preserve. This program no longer includes an underground visit to the Greathouse Visitor Center. The program is 2 hours long.

Clayton Valley Pumpkin Farm
Clayton
http://www.cvpumpkinfarm.com

Spring Science Program
http://www.cvpumpkinfarm.com/spring-science-program
Grade Levels: K;1st;2nd;3rd;4th
Science is especially prevalent at the Clayton Valley Pumpkin Farm and Christmas Trees during our Spring Science Program (April 8th - May 8th 2019) for school groups. The natural farm setting is ideal for children to explore and experience "Ag in the Classroom" to complement your curriculum. Students see, touch, smell and hear science at our three learning stations where they discover new facts in the areas of Physical, Earth, and Life Sciences. Every student gets to take home a sunflower seed in a peat pot. And don't forget the most fun time of all, students and parents get to ride on the Pumpkin Farm Express. 90 minutes.
Redwood Forest Rendezvous (multi-class option)
https://www ebparks.org/activities/educators/field_trips/trips/default.htm
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Experience the magic of the forest. Designed to accommodate multiple classes, this program will rotate students through a variety of forest themed activities including a nature walk, forest food web, tree and climate study. Note: This two hour program can accommodate up to 120 kids.

Nature Walks in the Regional Parks
https://www ebparks.org/activities/educators/field_trips/trips/default.htm
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Use the parklands as your classroom! Programs are available at the following East Bay Regional Parks: Redwood, Roberts, Lake Chabot, Anthony Chabot, Huckleberry Botanic Preserve, Sibley Volcanic Preserve, Temescal, Arrowhead Marsh at MLK Jr. Shoreline, and Oyster Bay. Lake Chabot boat tours aboard the “Chabot Queen” may be available; separate fee applies for boat rental.

CuriOdyssey
San Mateo
http://www.curiodyssey.org/

Plant Power
https://curiodyssey.org/schools-groups/
**Grade Levels:** 1st;2nd;3rd;4th
Plants gather food, battle predators, and find a mate- all while rooted in place. Explore the fascinating world of plants, soil, sunlight, and seeds in the Museum’s beautiful gardens. FOSS Links: Trees, Wood and Paper, Plants and Animals, Insects and Plants. 50 minutes

Dynamic Decomposers - Field Trip
https://curiodyssey.org/schools-groups/
**Grade Levels:** K;2nd;PK;TK
Millipedes, worms, and snails - are they pests or pals? Roll up your sleeves and get ready to dig in as we look at the beneficial roles these critters play in our daily lives. Students learn about how detritivores aid in decomposition and create soil by observing earthworms, using magnifiers to get a larger look at small animals, and meeting animal guests. Animal Ambassadors vary and may include: Earthworms, cockroaches, millipedes, slugs, and snails. FOSS Links: Animals Two by Two, Plants and Animals, Insects and Plants. Also available as an in-class program.

Diablo Nature Adventures
Walnut Creek
http://www.diablonature.com

The Sands of Time - Shell Ridge Open Space
**Grade Levels:** K;1st;2nd;3rd;4th;5th
This program offers a hands-on introduction to the geological origins of the Shell Ridge Open Space. The Sands of Time takes place in the 2500 acre Shell Ridge Open Space Area. Students are introduced to the fossils of Shell Ridge and what they reveal about long ago landscapes there. Sedimentary, igneous and metamorphic rocks are defined and local samples are handled by the youngsters. Students perform a play that explains the formation of Mt. Diablo and the surrounding foothills. Map skills are a part of the program. A nature hike emphasizes the flora and fauna of the grassland and oak woodland communities of the area and reveals how water has shaped the land. Change through time is an important theme. One class of 20 students per day.
East Bay Municipal Water District
Orinda
http://www.ebmud.com/

Outdoor Education
**Grade Levels:** 2nd;3rd;4th;5th;6th
Hands-on learning provides children experiences that help them to better understand what it takes to protect the environment, how natural systems function and how our drinking water supply relates to those systems. EBMUD rangers work with school age children to enhance habitats, stabilize soils, and restore natural conditions for creeks and disturbed areas in the East Bay.

Environmental Discovery Center of Sonoma County
Santa Rosa
http://www.sonoma-county.org/parks/edc.htm

Healthy Earth, Healthy Bodies
https://parks.sonoma-county.ca.gov/Learn/Field-Trips/
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th
Take a field trip to a farm! This program combines the best in science education while making the connection between protecting natural resources and growing healthy bodies. Students will learn the benefits of eating healthy foods, take a rigorous hike, tour the farm, and work in the garden. Reinforces grade-level state science standards in life science and health. Held at Tolay Lake Regional Park in Petaluma.

Exploratorium
San Francisco
http://www.exploratorium.edu

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.

Green Gulch Farm - SF Zen Center
Sausalito
http://www.sfzc.org/ggfindex.htm

Green Gulch Farm Environmental Education
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th
Since its establishment in 1972, Green Gulch Farm has been on the leading edge of organic farming and land stewardship. We are dedicated to cultivating future stewards of the earth. Our Environmental Education program brings over 900 children from 34 Bay Area schools and organizations to the farm each year. Kids who come might uncover the secrets of compost, make a lettuce burrito, visit a beehive, or see how an apple blossom turns into fruit. Some come from urban underserved schools, and for many it’s their first experience of being out in a natural environment. As one Green Gulch tour leader put it, “The children have such a deep hunger to be here. It is a real event in their lives.” More and more schools also are requesting that the zendo be included in their visit and are recognizing the power of helping children find the still, quiet place within themselves.
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.

Life Lab Science Program
Santa Cruz
http://www.lifelab.org

Fall - Farm to Fork
http://www.lifelab.org/for-educators/fieldtrips/
Grade Levels: 1st;2nd;3rd;4th;5th;6th;7th;8th
For 1st grade through middle school students. This program helps students to make the important connection between farms and the food on their dinner table. All participating teachers will receive pre- and post-visit lessons related to our local food system.
Farm to Fork Field Trips include:
Hands-on Exploration of the 25-acre UCSC Farm
- explore a organic flower and vegetable farm
- harvest and sample the six plant parts—roots, stems, leaves, flowers, fruits & seeds
- participate in apple investigations and tastings in the orchard
- gain an appreciation for the different varieties & uses of corn
Activities in the Garden Classroom
- harvest celebration, where students make and taste corn tortillas & apple cider
- visiting chickens, honey bees, composting worms, and other garden learning sites
Field Trips are available Monday, Tuesday, Thursday, & Friday Early September through early November. Field trips begin at 10 a.m. and end at 1:15 p.m.

Math Science Nucleus
Fremont
http://www.msnucleus.org

Ice Age Fossils
http://www.msnucleus.org/classes/fieldnucleus.htm
Grade Levels: 1st;2nd;3rd;4th;5th;6th
Students learn the different animals that lived in the Fremont area during the Pleistocene including mammoths and sabertooth cats. They will go on a scavenger hunt in the Museum. They will compare the present with the past. Learn about fossil excavations by sorting through fossils and receive a fossil shark tooth.

Dino Magic
http://www.msnucleus.org/classes/fieldnucleus.htm
Grade Levels: K;1st;2nd;3rd;4th
Students enter a land of dinosaurs, as they observe skin prints, tracks, and bones. Hands on activities include real dinosaur bones and how we determine they are dinosaurs. K-2 classes emphasis dinosaurs and 3-6 emphasize general fossils and fossils of Fremont. Lesson can be customized depending on needs of teachers. Snack and gift are included in price.
Carnivores and Herbivores
http://www.msnucleus.org/classes/fieldnucleus.htm
Grade Levels: 1st;2nd;3rd
Students compare the different teeth of different animals. They compare them with fossil herbivores and carnivores to compare and contrast.

Self-Guided Tour of Children's Natural History Museum
http://www.msnucleus.org/classes/fieldnucleus.htm
Grade Levels: K;1st;2nd;3rd;4th;5th;6th
Explore a world of fossils from long ago including those from the Paleozoic, Mesozoic, and Cenozoic. Walk to more modern times with fossils of mammoths, sabertooth cats, sloths, camels, and other large mammals. Discover modern day animals through their bones. Visit the Boy Paleontologist room to see how they discovered the fossils in Fremont in the 1940's. View the Minerals and Rocks, Hall of Small Wonders and Tools of Early Humans. Hands-on activities for small groups are located throughout the museum.

Point Reyes National Seashore
Point Reyes Station
http://www.nps.gov/pore/forteachers/index.htm
Earthquake Trail
http://www.nps.gov/pore/planyourvisit/outdoorselfguidingactivities.htm
Grade Levels: K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
A short, informative trail with exhibits about the 1906 earthquake and the San Andreas Fault zone. Allow 35 minutes to walk this trail. Park in the gravel parking lot east of the Bear Valley Visitor Center. The trailhead is next to the picnic area restrooms. 0.6-mile loop wheelchair accessible.

Woodpecker Trail
http://www.nps.gov/pore/planyourvisit/outdoorselfguidingactivities.htm
Grade Levels: 1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
A rustic trail through fields and trees with exhibits highlighting the flora and fauna of the area. Allow 45 minutes to walk this trail. Park at the south end of the Bear Valley Visitor Center parking lot. The Woodpecker Trail starts at the Bear Valley Trailhead. 1-mile loop. Trail is steep in places.

Randall Museum
San Francisco
http://www.randallmuseum.org/
Living with a Restless Earth
http://www.randallmuseum.org/LivingWithaRestlessEarth.aspx
Grade Levels: 2nd;3rd;4th;5th
We live in earthquake country. Other people live with tornadoes, lightning, avalanches, or hurricanes. In the Bay Area, earthquakes happen every day - but most are small and only a seismograph can detect them. At the Randall Museum's permanent earthquake exhibit, "Living with a Restless Earth," you can make your own quake by jumping on the floor. A seismometer in the Museum's lobby will let you know the intensity of your "floor quake." Another seismometer in the basement of the Randall is connected to a seismograph in the exhibit that registers actual earthquakes. Visitors to the Museum can view our real-time recordings of recent quakes all around the world and learn about plate tectonics while playing with our hands-on replica of the Hayward Fault.

Sibley Volcanic Regional Preserve
Oakland
http://www.ebparks.org
Volcanic Tour

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

Folding and erosion have exposed a cross section of a great volcano, right down to its roots, providing an unsurpassed outdoor laboratory for the study of volcanism in the Central Coast Ranges. An unstaffed visitor center next to the staging area at the park entrance has displays illustrating the park's geology, and a supply of park brochures containing a map with a self-guided volcanic tour. Sibley Volcanic Preserve's main entrance is on Skyline Boulevard just east of the intersection with Grizzly Peak Boulevard in the Oakland hills.

Stepping Out Stepping In
Oakland
http://www.steppingoutsteppingin.org

Mountains to Mud!
http://www.steppingoutsteppingin.org/mountains-to-mud-2nd-grade.html

**Grade Levels:** 2nd

**Pre-Trip:** Your program will start with geology activities in your classroom. Your students will hear a story about a big rock's journey as it becomes many smaller rocks that travel to the bay. Then they will get to make their own "sand" slide and look at sand up close through "Magi-Scopes!"

**Field Trip to Middle Harbor:** Students will collect and compare sediments from the sandy shore and the muddy bottom then investigate the diversity of life in both habitats. Students will participate in collecting mud using a benthic grab and take a closer look at small invertebrates using magi-scopes.

The Gardens at Heather Farms
Walnut Creek
http://www.gardenshf.org/

Wonderful Worms Field Trip
http://www.gardenshf.org/youth-programs.html#wonderfulworms

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

Through experiments and observation we'll investigate the hidden life of this fascinating recycler and create a classroom worm bin. (Also available as an in-class presentation)

Do the Rot Thing: Soils and Composting Field Trip
http://www.gardenshf.org/youth-programs.html#dotherotthing

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

Dig in and investigate the secrets of soil as we learn the "rotten truth" about decomposition, solve a compost critter mystery, cook up a compost experiment and discover our role in conserving this precious resource. (Also available as an in-class presentation)

Geology Rocks Field Trip
http://www.gardenshf.org/youth-programs.html#geologyrocks

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

Learn to read stories hidden in stone as we meet a famous rock group (igneous, metamorphic, sedimentary), take a spin on the rock cycle, bone up on fossils, and discover rocky resources we rely on everyday. (Also available as an in-class presentation)

The Tech Museum of Innovation
San Jose
http://www.thetech.org
IMAX Film: Rocky Mountain Express
http://www.thetech.org

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

Available to groups of 50 or more at 10 a.m. Rocky Mountain Express

Experience the adventure of a lifetime in Rocky Mountain Express, the new film that propels audiences on an exhilarating journey deep into the Rockies along steep cliff edges, spiraling tunnels and through the most beautiful and rugged landscapes on earth. Learn about the heroic human drama and epic engineering involved in shaping a nearly impossible transcontinental railway link.

IMAX film - Forces of Nature
http://www.thetech.org

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

There are nearly 500,000 earthquakes, over 1,000 tornadoes, and about 50 volcanoes erupting around the world each year. The science stories in Forces of Nature are augmented with computer graphics sequences designed to illustrate the inner workings of these forces.

Forces of Nature lets you experience what it's like when the ground shakes, mountains explode and the sky turns black and violent. Follow scientists on their groundbreaking quests to understand how these natural disasters are triggered. Learn what is being done to predict and prepare for these events — and minimize their destructive forces.

IMAX Film: Journey to the South Pacific
http://www.thetech.org

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

Available to groups of 50 or more at 10 a.m. Journey to the South Pacific

Take a breathtaking IMAX® adventure to the lush tropical islands of remote West Papua, where life flourishes above and below the sea. Home to more than 2,000 species of sea life, this exotic locale features the most diverse marine ecosystem on earth. An uplifting story of hope and celebration, Journey to the South Pacific highlights the importance of living in balance with the ocean planet we all call home. Narrated by Cate Blanchett.

IMAX film - Everest
http://www.thetech.org

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

available to groups of 50 or more at 10 a.m. Everest is the dramatic true story of a team of climbers who found hope, strength and triumph in the wake of tragedy. Their successful ascent of Mount Everest just days after fellow mountaineers and friends died there is a compelling story about the human spirit and a mountain they love, respect and sometimes fear.

In Everest travel across creaking icefalls and gaping chasms, up dangerous, towering cliffs, through a harrowing rescue, and into the danger zone of oxygen-thin altitude. The film also reveals how this tallest mountain was formed and continues to evolve, how high altitude challenges a climber's physical and mental capabilities.

Tilden Nature Area-Tilden Regional Park
Berkeley
http://www.ebparks.org

**Tailored Naturalist Program: Habitats**

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

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

the Tilden Naturalists can adapt their programs to meet the specific needs of your science unit. Sign up for a fieldtrip via the lottery system and give them a call once you are selected.

UC Museum of Paleontology
Berkeley
http://www.ucmp.berkeley.edu/
The Deluxe tour
http://www.ucmp.berkeley.edu/about/docent.php

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

This tour includes the T. rex and slide show plus a closer look at fossils and the fossilization process in one of the science labs. Guided tours are available for school and youth groups. You will be accompanied by a Graduate Student docent. Group tours are scheduled depending upon availability of the docents. Maximum number of students per group 25.

The T. Rex Tour
http://www.ucmp.berkeley.edu/about/docent.php

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

The tour will include an introduction to the museum, a slide show on "The Making of T. rex" and a discussion of the dinosaurs, pterosaur, and other fossils on display in the atrium. There is a $30 fee for the docent. Guided tours are available for school and youth groups. You will be accompanied by a Graduate Student docent. Group tours are scheduled depending upon availability of the docents. Maximum number of students per group 25.

Program Type: In-Class Program

American Red Cross
San Francisco
http://www.bayarea-redcross.org

Masters of Disaster
http://redcrossyouth.org/2007/12/10/masters-of-disaster/

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

The award-winning Masters of Disaster disaster preparedness curriculum teaches children how to prevent, prepare for and respond to disasters and other emergencies. The Masters of Disaster Educator's Kit contains lessons, activities and demonstrations on disaster-related topics that youth-serving organizations can incorporate into daily or thematic programming. The Masters of Disaster curriculum materials meet national educational standards and are specifically tailored for lower elementary (K–2), upper elementary (3–5) and middle school (6–8) classes. A Red Cross instructor can bring this training to your school, or you can download materials online for use in the classroom.

Classroom Safari
Petaluma
https://www.classroomsafari.org/

Jurassic Safari
https://www.classroomsafari.org/schools

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

See and feel real 65 million year old dinosaur bones and meet some of the living links to the "Age of the Dinosaurs" such as an alligator, tortoise, and scorpion. Discover the wonders of Coprolite! We also have life sized replicas of dinosaur eggs, Utahraptor foot, Allosaurus hand with claws, a large segment of a Tyrannosaurus Rex skull, a Pleistocene Alligator skull and much more.

CuriOdyssey
San Mateo
http://www.curiodyssey.org/
**Dynamic Decomposers** - In-Class
https://curiodyssey.org/schools-groups/
**Grade Levels:** K;2nd;PK;TK
Millipedes, worms, and snails - are they pests or pals? Roll up your sleeves and get ready to dig in as we look at the beneficial roles these critters play in our daily lives. Students learn about how detritivores aid in decomposition and create soil by observing earthworms, using magnifiers to get a larger look at small animals, and meeting animal guests. Animal Ambassadors vary and may include: Earthworms, cockroaches, millipedes, slugs, and snails. FOSS Links: Animals Two by Two, Plants and Animals, Insects and Plants. Also available as a field trip.

**Mad Science - Mt. Diablo**
Concord
http://www.madscience.org/locations/mtdiablo/

**Earthworks**
http://www.madscience.org/locations/mtdiablo/
**Grade Levels:** K;1st;2nd;3rd;4th;5th
Investigate different types of earth phenomena like volcanoes, mountains, and earthquakes. Learn about the forces of nature that shape our very earth. Go home with your very own volcano!

**Rock-It Science**
Santa Clara
https://rockitscience.com/
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).

**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).

**The Gardens at Heather Farms**
Walnut Creek
http://www.gardenshf.org/
Learn to read stories hidden in stone as we meet a famous rock group (igneous, metamorphic, sedimentary), take a spin on the rock cycle, bone up on fossils, and discover rocky resources we rely on everyday. (Also available as a field-trip)

**Geology Rocks In-Class**
http://www.gardenshf.org/youth-programs.html#geologyrocks
**Grade Levels:** K;1st;2nd;3rd;4th;5th
Learn to read stories hidden in stone as we meet a famous rock group (igneous, metamorphic, sedimentary), take a spin on the rock cycle, bone up on fossils, and discover rocky resources we rely on everyday. (Also available as a field-trip)

**Do the Rot Thing: Soils and Composting In-Class**
http://www.gardenshf.org/youth-programs.html#dotherotthing
**Grade Levels:** K;1st;2nd;3rd;4th;5th
Dig in and investigate the secrets of soil as we learn the "rotten truth" about decomposition, solve a compost critter mystery, cook up a compost experiment and discover our role in conserving this precious resource. (Also available as a field-trip)

**Wonderful Worms In-Class**
http://www.gardenshf.org/youth-programs.html#wonderfulworms
**Grade Levels:** K;1st;2nd;3rd;4th;5th
Through experiments and observation we'll investigate the hidden life of this fascinating recycler and create a classroom worm bin. (Also available as a field trip)
Web of Life Field (WOLF) School
Aptos
http://www.wolfschool.org/

In-Class Presentation
http://www.wolfschool.org/
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th
The WOLF School offers in-class presentations to supplement your regular classroom instruction. All presentations include standards-based hands-on activities, songs, active games and student-centered discussion. Topics include: Animals! Animals!, Amazing Plants, California's Gold Rush, Native American History, Geology Rocks!, Salamanders, Water Cycle and Watersheds, Group Building and Challenge Activities, Design Your Own.

Program Type: Overnight Program

Camp Ocean Pines
Cambria
http://www.campoceanpines.org/

Overnight Program at Camp Ocean Pines
http://www.campoceanpines.org/outdoor-education
**Grade Levels:** K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
Camp Ocean Pines Outdoor School offers hands-on, standards based environmental education year round providing a great outdoor educational experience for school groups. Our services include meals, afternoon snacks, lodging, lessons, and exciting outings led by experienced naturalists. Students sleep in new passive solar designed cabins built with strawbale construction. Highlights of the 5-day camp include hiking to our secret observation point at the elephant seal breeding grounds in San Simeon, sandy beach studies at San Simeon Cove, or estuary studies and kayaking with the otters in Morro Bay, with transportation included. Onsite, we provide standards-based lessons or a custom program to meet your specific needs. Call to check availability and we'll discuss a program that will best fit the needs of your school.

NatureBridge at Yosemite
Yosemite
http://www.naturebridge.org/school-group-field-science-yosemite

Residential Field Science Program
https://naturebridge.org/yosemite/school-group
**Grade Levels:** 2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
With NatureBridge at Yosemite, students hike through the dramatic landscapes of Yosemite, explore ancient groves of giant sequoias, ski across snowy meadows, and challenge themselves to reach the tops of waterfalls. Through active student engagement, our faculty teaches science, history, and the arts and gives these subjects context through personal experience. What is taught: California Content Standards: our interdisciplinary programs help teachers meet grade-specific content standards. Choose from our menu of academic emphases to help you meet your goals for the year. Learning Outcomes: students emerge from our programs having grown academically, personally, and socially and with increased responsible environmental behavior.

Program Type: Temporary Exhibit
Giants of Land and Sea
Grade Levels:  K;1st;2nd;3rd;4th;5th;6th;7th;8th;9th;10th;11th;12th
(Opening June 15, 2018) Discover the giant forces that make Northern California a landscape like nowhere else in the world. Ascend through the towering redwoods, step inside an immersive fog room, follow a blue whale migration route, and hear from Californians working to sustain the precious and critical ecosystems in their own backyard. Mark your calendars to join us this summer or during the 2018-2019 school year to experience Giants of Land and Sea.