



# CRS

**COMMUNITY RESOURCES FOR SCIENCE**  
*practical support for great science teaching*

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Berkeley, California 94702

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## Education Programs

### 3rd Grade Life Science

#### Program Type: Assembly

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Banana Slug String Band  
Santa Cruz

<http://www.bananaslugstringband.com>

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A Penguin Parade

<http://www.bananaslugstringband.com>

**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. From feathers to furs and scales to skin, this journey into the world of ecology raises awareness about the diversity of animals and their habitats. A dynamic blend of original songs, humor and amusing costumes guarantees an animated performance

Classroom Safari  
Petaluma

<https://www.classroomsafari.org/>

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Standard Safari

<https://www.classroomsafari.org/schools>

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

A unique, educational, fun experience with animals like the SERVAL, SNAKE, ALLIGATOR, and more! You can expect 6-8 animals and the program to last 45 minutes - 1.15 hours depending on the age & # of students.

East Bay Regional Park District  
Oakland

<http://www.ebparks.org>

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Mobile Fish Exhibit

[http://www.ebparks.org/activities/educators/Mobile\\_Education\\_Outreach](http://www.ebparks.org/activities/educators/Mobile_Education_Outreach)

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

We are what we eat. Whether our food comes from a fishing trip or a grocery store, everyone wants their food to be healthy and safe. The District's 26-foot long aquarium on wheels offers an up-close, memorable experience with fish from our lakes that many people catch for food. The program connects our everyday interactions with trash and litter to our effect on the environment and our food chain.

State Standard-focused lessons for grades K-2 explore the basic biology of fishes, their life-cycles and basic adaptations to life in water through dress-up and other activities, while those for Grades 3-6 help students learn how keeping their environment clean and healthy helps them stay that way too through interactive models and games. Every student in your school is invited to experience the program. A minimum of 300 students is required.

### California Wild

<https://www.wildmindscience.org/programs/>

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

Stretching from the mighty Sierra Nevada through the farmlands of the Central Valley to the stunning coastal regions, California is one of the most environmentally diverse areas in the nation. These intriguing animals will spark your students' curiosity and increase their knowledge of California's wonderful natural history. Your students will gain insights into the secret lives of the intelligent and ecologically important animals that live around us. Porcupine, Red Fox, Great Horned Owl, Opossum, Red-Tailed Hawk. It is most effective to group your students by grade levels. A kindergarten - 3rd grade assembly lasts about 35-45 minutes. Assemblies for older grades last about 45 to 55 minutes.

### Predators and Their Prey

<https://www.wildmindscience.org/programs/>

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

These incredible animals from around the world will teach your students how wild animals hunt their prey and how prey animals keep from being eaten. This predator-prey relationship is a keystone to understanding the balance of nature. The myth of the big bad predator is dispelled as we begin to appreciate the vital role predators play in maintaining natural systems. Wild behaviors, intelligence and communication between animals are revealed as well as our human impact on natural systems. This program offers a fascinating way for your students to discover the nature of science. African Serval, Grey Fox, Golden Eagle, Kestral, African Porcupine. It is most effective to group your students by grade levels. A kindergarten - 3rd grade assembly lasts about 35-45 minutes. Assemblies for older grades last about 45 to 55 minutes.

### Spirit of the Rainforest

<https://www.wildmindscience.org/programs/>

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

Transport your school to some of the most wondrous rainforests of the world. Students will see unusual and awe-inspiring animals, hear the mysterious sounds of the living forest and, on a projection screen, view close-ups of rainforest habitats and the diverse native peoples who inhabit them. We create a positive look at the tropical rainforest and its plants, wildlife and people. This program is a powerful multicultural learning experience. Armadillo, Anteater, Turkey Vulture, Kinkajou. It is most effective to group your students by grade levels. A kindergarten - 3rd grade assembly lasts about 35-45 minutes. Assemblies for older grades last about 45 to 55 minutes.

## Program Type: Field Trip

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### Alcatraz Island San Francisco

<http://www.nps.gov/alca/index.htm>

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### Field Trips to Alcatraz

<https://www.alcatrazcruises.com/website/grp-school.aspx>

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

Alcatraz Cruises is the official National Park Concessionaire for Alcatraz. School groups include grades Kindergarten through Grade 12. If you would like to bring a school group of 15 students or more to Alcatraz Island, you must request permission in advance. The link for the request form is <https://www.alcatrazcruises.com/groups/grouptrip.aspx>

### Ardenwood Historic Farm Fremont

<http://www.ebparks.org/parks/ardenwood>

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## Monarch Butterfly Program

<http://www.ebparks.org/parks/ardenwood>

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

(December – January) Learn the life cycle of the Monarch Butterfly through a slide presentation, then view their spectacular over-wintering site on a walk into the Eucalyptus forest. Program is 1.5 hours long.

## Audubon Canyon Ranch

Stinson Beach

<http://www.egret.org>

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### Bouverie Preserve

[http://www.egret.org/field\\_trips\\_bouverie](http://www.egret.org/field_trips_bouverie)

**Grade Levels:** 3rd;4th

The preserve visit is the central experience of the program. The visit consists of a 3-hour guided nature hike, during which volunteer docents engage students in the discovery of the natural environment of ACR's preserves. Students explore California woodlands, view nesting herons and egrets, discover pond or creek ecology, have hands-on experiences with amphibians, learn Coastal Miwok folklore, and learn to use binoculars, telescopes and field microscopes. The 1:6 docent-to-student ratio in the field enables individual teaching and learning. Prior to student visits to the preserve, a team of volunteer docents spends time in the classroom to provide background information about the natural environment and prepare the students for their visit. ACR also creates lesson plans and materials for teachers that are designed to link environmental concepts with California state science standards.

## Bay Area Discovery Museum

Sausalito

<http://www.baykidsmuseum.org/>

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### Discover-It-Yourself Visits

<https://bayareadiscoverymuseum.org/educators>

**Grade Levels:** K;1st;2nd;3rd;PK;TK

seven exhibitions are research-backed and provide STEM-focused, inquiry-driven experiences that help children develop creativity and creative problem solving skills. Look out Cove, Art Lab, Fab Lab, Imagination Playground, Bay Hall, Tot Spot, and a changing exhibit hall

## Black Diamond Mines Regional Preserve

Antioch

<http://www.ebparks.org>

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### Chaparral Nature Trek

<http://www.ebparks.org/activities/educators>

**Grade Levels:** 3rd;4th;5th;6th

A nature walk with emphasis on the area's plants and animals and how they are adapted to this unique environment. This program is 2 hours long.

### Reptile Rendezvous

<http://www.ebparks.org/activities/educators>

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

Join us for an up-close and personal visit with our resident gopher snake and learn how snakes and other reptiles are adapted to the habitats of Black Diamond. Program is one hour long.

## Chabot Space and Science Center

Oakland

<http://www.chabotspace.org>

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## Creatures of the Dark

<http://www.chabotspace.org/forms/school-field-trips.htm>

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

Can you guess which animals work 24 hours a day, 7 days a week... in the dark? Would you like to design and conduct your own experiment with some of the most important creatures on Earth? YES, of course! In this workshop, students will explore the world of decomposers and learn how they improve life for us here on earth by recycling and repurposing dead plants and animals into nutrient-rich soil.

## Conservatory of Flowers

San Francisco

<http://www.conservatoryofflowers.org/>

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### Self-Guided Tour

<https://conservatoryofflowers.org/education/#selfguided>

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

The Conservatory of flowers is a living museum of rare and beautiful tropical plants including palms, orchids, bromeliads, carnivorous plants and much more.

### Adaptation: Plant Survivors!

<https://conservatoryofflowers.org/education/>

**Grade Levels:** 3rd;4th;5th

This experience introduces kids to the amazing survival techniques plants have developed. From the lowland jungle, to the tropical mountains, to the Amazon River Basin, we'll explore the unique characteristics that enable plants to thrive in these environments.

## Coyote Hills Regional Park

Fremont

<http://www.ebparks.org>

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### Coyote Hill's Visitor Center

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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 center includes a small store and information desk, as well as exhibits on the birds, wildlife, and wetlands of the park. A separate room is dedicated to the Ohlone Indians and serves as the media center where slides, films, and video tapes can be shown. In addition, you can arrange to have a staff member give a 15 min. talk w/ a live snake or turtle.

### Habitat Heroes Discovery Hike

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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;TK

Meet animal ambassadors, explore artifacts, and get outside in this adaptable, exploration-heavy, and sensory-engaging program. Choose a natural or cultural history focus.

## Crab Cove Marine Reserve

Alameda

[http://www.ebparks.org/parks/vc/crab\\_cove](http://www.ebparks.org/parks/vc/crab_cove)

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### Creatures of the Bay

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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

Meet residents of the San Francisco Bay; includes Old Wharf Classroom "dive," turning a child into a giant crab and guided outdoor nature study.

### Cove Days (Fall and Spring)

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](https://www.ebparks.org/activities/educators/field_trips/trips/default.htm)

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

Visit activity stations with your classes: activities include a “dive” in the Old Wharf Classroom, guided exploration, nature games on the lawn, a visit to our exhibit area, and more! This 4-hour program includes a lunch break and accommodates up to 120 students/day.

### Nature Walks in the Regional Parks

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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.

### Redwood Forest Rendezvous (multi-class option)

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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.

## CuriOdyssey

San Mateo

<http://www.curiodyssey.org/>

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### Wildlife Presentations - Field trip

<https://curiodyssey.org/schools-groups/>

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

Bring your group to CuriOdyssey and experience a live animal program in our theater. Learn about some of the animals that live at CuriOdyssey, their special characteristics, adaptations, and native habitats. Our wildlife staff will bring 4 live animals for a 30-minute presentation followed by a 15-minute question and answer session. Choose from the following themes:

- To Conserve and Protect: Cultivate enthusiasm for the environment in your classroom by introducing students to some of CuriOdyssey's threatened species.
- Catch Me If You Can: Get a closer look at some of the fascinating adaptations that animals can develop to defend themselves against predators. Live animals vary and may include: Desert tortoise, turkey vulture, and gopher snake. Grades PreK-6
- High to Low Habitats: Animals are everywhere, but did you know that most animals are only adapted to live in one or two different types of habitats? Learn about the high and low places on the planet, and get up close and personal with some animals that are specially equipped to live there. Live animals vary and may include: Western screech owl, European ferret, and California mountain kingsnake. Grades K-4
- What's on the Menu?: Animals eat a multitude of different things, and don't always fit into a single category such as “predator” or “consumer.” Find out more about how animals interrelate in the food web. Live animals vary and may include: Great horned owl, Madagascar hissing cockroach, and domestic rabbit. Grades 1-4

### Self-Guided Tours

<https://curiodyssey.org/schools-groups/>

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

Self-guided Tour of the museum.

### Predators and Prey

<https://curiodyssey.org/schools-groups/>

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

Food is the fuel that drives life on earth. Students explore the adaptations of animals that aid in finding their food or prevent them from becoming food. Study animal skulls to determine who are herbivores, omnivores, and carnivores. Meet a live animal and assess the special adaptations that help animals compete for food resources in an ecosystem.

### Birds of Prey - CuriOdyssey

<https://curiodyssey.org/schools-groups/>

**Grade Levels:** 3rd;4th;5th;6th

Explore the captivating world of eagles, hawks, falcons, and owls. Students will investigate the adaptations of these magnificent birds, discover what they eat by dissecting an owl pellet, and test their senses to see how they would handle being a bird of prey.

Live animals vary and may include: American kestrel, great horned owl, red-shouldered hawk, Swainson's hawk, screech owl, and turkey vulture.

## Ramblin' Reptiles

<https://curiodyssey.org/schools-groups/>

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

Reptiles have inhabited this planet for 340 million years! This program takes a focused look at some of the Museum's amazing ectotherms. Observe the locomotion of a tortoise, patterns of a snake, or the blue tongue of a skink as we study the ancestors of dinosaurs. Animal Ambassadors vary and may include: Desert tortoise, blue-tongued skink, and snake. FOSS Links: Structures of Life. Also available as a field trip.

## Environmental Discovery Center of Sonoma County

Santa Rosa

<http://www.sonoma-county.org/parks/edc.htm>

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### Habitat & Home

<http://www.sonoma-county.org/parks/edc.htm>

**Grade Levels:** 1st;2nd;3rd

Students will learn about ecosystem diversity, endangered species and the importance of wetland management through interactive displays and activities. Emphasis of activities reinforce grade-specific science standards that include habitats, animal life cycles, and adaptations for survival. Held at Spring Lake Regional Park in Santa Rosa.

## Exploratorium

San Francisco

<http://www.exploratorium.edu>

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### Gallery 4: Living Systems

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

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

Investigate the living world. Sometimes life is hard to observe, because it's too tiny or fast or is hidden underground or in the ocean. Discover what you've been missing: use scientific tools to investigate living things of different sizes, the ecosystems they inhabit, and the processes they share.

## Exploring New Horizons

Felton

<http://www.exploringnewhorizons.org>

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### Pigeon Point Outdoor School

<http://www.exploringnewhorizons.org/site/pigeon-point/>

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

Curriculum options include Natural History, Redwood History, Marine Ecology, Redwood Forest habitats and Lighthouse history. Nighttime activity options include campfires, star hikes, skits, simulation games, and puppet shows. Operated at the Pigeon Point Lighthouse, 50 miles south of SF on Highway 1. Important preparation is medical forms for students. Some bookings are made for the fall, but Jan to June is best. Three-day, two-day, full day, and half day programs are available.

## Friends of the Regional Parks Botanic Garden

Berkeley

<http://www.nativeplants.org/>

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### Tours by Arrangement

<http://www.nativeplants.org/school-and-group-tours/>

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

School classes and other groups may schedule free private tours of the garden by special arrangement. Tours can be tailored to suit the group's specific needs or interests. Group tours must be arranged at least three weeks in advance and are scheduled on a first-come, first-served basis. For more information or to schedule a tour, call (510) 544-3169.

## Happy Hollow Park & Zoo

San Jose

<http://www.hhpz.org/>

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### Field Trips

<http://www.hhpz.org/index.cfm/id/21/Field-Trips/>

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

From animals to conservation, Happy Hollow offers a variety of immersion experiences. For more enhanced learning programs Happy Hollow's Education department offers many opportunities designed to meet your standards based learning requirements

## Hayward Shoreline Interpretive Center

Hayward

<http://www.haywardrec.org/150/Hayward-Shoreline-Interpretive-Center>

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### Shoreline Discovery

<http://www.haywardrec.org/158/Shoreline-Discoveries>

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

This program introduces students to the natural history of a saltmarsh and the characteristics which make plants, animals, and invertebrates of the shoreline unique. We develop the idea of how a salt marsh works, including adaptations, habitats, and plant/animal interrelationships. Students will:

- \* classify marsh birds by feeding strategy;
- \* identify marsh fish and invertebrates;
- \* collect mud samples to observe and identify shoreline invertebrates; identify two important salt marsh plants;
- \* discuss some of the salt marsh / estuarine plant / animal interactions; record evidence of animal life along the trail.

School programs begin with a brief introduction on wetlands and the salt marsh habitat followed by a one, two or three hours hike. We can work with you to design a program that fits your classroom curriculum. 3 hours

### Saltmarsh Wonders

<http://www.haywardrec.org/155/School-Programs>

**Grade Levels:** 2nd;3rd;4th

This program introduces students to what a saltmarsh is-- the diversity and abundance of plants and animals in saltwater wetlands. Characteristics of and interrelationships among saltmarsh inhabitants will be included. Students will:

- \* discover plant adaptations to salt water;
- \* observe signs of animal life in the marsh;
- \* explore channel water to discover aquatic plants and animals;
- \* search for invertebrate animals who live in the marsh;
- \* observe saltmarsh wildlife

School programs begin with a brief introduction on wetlands and the salt marsh habitat followed by a one, two or three hours hike. We can work with you to design a program that fits your classroom curriculum. 2 hours

## Hidden Villa

Los Altos Hills

<http://www.hiddenvilla.org>

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### Farm and Wilderness Exploration

<http://www.hiddenvilla.org/programs/prek6/2-6#fwe>

**Grade Levels:** 2nd;3rd;4th;5th;6th

This program starts with a class-room orientation led by a naturalist before the field trip. Using a slide show, music, role-plays and hands-on teaching stations, the concepts and attitudes to be experienced at Hidden Villa are presented. During the field trip, the children learn the importance of the farm and wilderness to our urban environment. They may take their leftover lunches to the compost pile, compost to the garden, and garden plants to the animals who will turn them into wool sweaters, milk, eggs, or hairbrushes. They also explore a variety of plant communities, learn about food webs, predator/prey relationships, animal adaptations, and stewardship of the land.

## Hostelling International

San Francisco

<http://www.norcalhostels.org/adProgram.html>

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### Hostel Adventure Day Program

<http://norcalhostels.org/hostel-adventures/outdoor/curriculum/>

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

Imagine a program that introduces inner-city youth to the excitement and wonder of the natural world. Wildlife, tidepools, hiking trails, native plants and star-filled skies are all part of the adventure. The program supplements and enhances school curricula by tailoring activities to teacher and student needs. Program activities emphasize: environmental education, interpersonal skill development, intercultural understanding. A great location for wetland and ocean hikes. Available at Point Reyes, Marin Headlands, Point Montara Lighthouse.

### Hostel Adventure Half Day Program

<http://norcalhostels.org/hostel-adventures/outdoor/curriculum/>

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

Imagine a program that introduces inner-city youth to the excitement and wonder of the natural world. Wildlife, tidepools, hiking trails, native plants and star-filled skies are all part of the adventure. The program supplements and enhances school curricula by tailoring activities to teacher and student needs. Program activities emphasize: environmental education, interpersonal skill development, intercultural understanding. A great location for wetland and ocean hikes. Available at Point Reyes, Marin Headlands, Point Montara Lighthouse. Prices include educational programs and curriculum materials. Includes 2-3 hours of educational programming, led by a Naturalist.

## Joan's Farm & Pumpkin Patch

Livermore

<http://www.joansfarm.com>

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### Tour 2 "How Corn Grows"

<http://www.joansfarm.com>

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

Visit a working farm to get a real feel about country life. You drive through the farm and see cattle grazing, visit the pumpkin patch which has a corn maze, an old western town, a museum of a lot of old farm equipment, visit the "old west" town which is facaded with buggies and mannequins, horses, etc. There is a chuck wagon area - a lot of picnicing facilities under the old sycamore trees -- a snack shack ( hot dogs, nachos, drinks, shave ice, etc. - Our tours for schools and groups are scheduled on a first-come first-serve basis. Tour 2 is \$8.00 per student and includes a visit through the museum then a talk about farming and the old equipment, they can go through the corn maze, get a larger pumpkin, and everyone attending can visit the Old West town and meander around. A lesson on "How Corn Grows" and "All the Buzz on the Honeybee"

## Lawrence Hall of Science

Berkeley

[lawrencehallofscience.org](http://lawrencehallofscience.org)

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### Self-Guided Visit

[https://www.lawrencehallofscience.org/visit/field\\_trips](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.

## Lindsay Wildlife Experience

Walnut Creek

<http://lindsaywildlife.org/>

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## Exploring Biological Adaptation: Live!

<https://lindsaywildlife.org/teachers-and-schools/>

**Grade Levels:** 3rd

This program investigates ways in which animals' inheritable physical structures or behaviors may improve their chance for survival and reproduction when environmental and habitat changes occur. Activities include testing different bird beaks for a variety of food items and "hunting" toy mice that are hiding in our outdoor habitat.

## Marina Education Programs - City of Berkeley Berkeley

<http://www.ci.berkeley.ca.us/ContentDisplay.aspx?id=11922>

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### Animals Programs - Fish

<http://www.ci.berkeley.ca.us/ContentDisplay.aspx?id=11922>

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

Fish anatomy, Gyotaku (Japanese fish printing), aquarium bingo, touch table, close up look at scales and gills. Includes a 40-50 minute interactive slide and video presentation and 2 hrs of hands-on stations. Each program requires a mandatory teacher's IN-SERVICE training workshop during which teachers preview the site, update staff for their current science program, and naturalists add to it with a packet of informational lesson plans for pre- and post-trip lessons geared to their class' grade level. These lessons were written by our staff, and correlate with the California State Science Framework and include 47 large animal identification cards and pictures. The fee for the packet is \$25.00 with out the program. Wrkshp. Oct. 25. Class dates Nov.9,10, 16, 17, 18.

### Animal Programs - Birds

<http://www.ci.berkeley.ca.us/ContentDisplay.aspx?id=11922>

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

Identification of local species, adaptations, sounds, feathers, nesting, conservation and weather permitting, walking w/ binoculars. Includes a 40-50 minute interactive slide and video presentation and 2 hrs of hands-on stations. Each program requires a mandatory teacher's IN-SERVICE training workshop during which teachers preview the site, update staff for their current science program, and naturalists add to it with a packet of informational lesson plans for pre- and post-trip lessons geared to their class' grade level. These lessons were written by our staff, and correlate with the California State Science Framework and include 47 large animal identification cards and pictures. The fee for the packet is \$25.00 with out the program. Available only on specific days.

## Marine Science Institute Redwood City

<http://www.sfbaymsi.org>

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### Tidepool Expedition

<https://www.sfbaymsi.org/tidepool-expedition->

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

Meet at Pillar Point in Princeton, North of Half Moon Bay, for a guided tidepool exploration to find and identify an amazing array of tidepool creatures. An Educator's Guide is provided.

## Marshall's Farm American Canyon

<http://www.marshallshoney.com/>

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### The Flying Bee Ranch tour

<http://www.marshallshoney.com/>

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

Students will see how honey is made from the hive to the jar. They will see how honey is extracted, taste the honey, and go home with a little piece of honey comb and honey sticks. Students will see the bees and learn why they are beneficial.

## Monterey Bay Aquarium Monterey

<http://www.mbayaq.org>

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## Discovery Lab: Amazing Animal Adaptations

[http://www.montereybayaquarium.org/lc/teachers\\_place/fieldtrip\\_choice.aspx#disc\\_explorations](http://www.montereybayaquarium.org/lc/teachers_place/fieldtrip_choice.aspx#disc_explorations)

**Grade Levels:** 3rd;4th;5th

What helps an animal survive at the rough and turbulent rocky shore? What makes an animal better adapted to the shifting sands of the beach? Close observations of rocky shore and sandy beach animals help students understand animal adaptations as they utilize science process skills.

## Self-Guided Tour

[http://www.montereybayaquarium.org/lc/teachers\\_place/fieldtrip\\_choice.aspx#selfguided](http://www.montereybayaquarium.org/lc/teachers_place/fieldtrip_choice.aspx#selfguided)

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

You determine the focus and set the pace. The average visit time is two to three hours, but you are welcome to stay as long as you like and investigate all the habitats found in the Aquarium. Weekend and summer reservations are available. Teacher guides provided.

## Ocean Explorers - Freaky Fish

[http://www.montereybayaquarium.org/lc/teachers\\_place/fieldtrip\\_choice.aspx#oe\\_seastars](http://www.montereybayaquarium.org/lc/teachers_place/fieldtrip_choice.aspx#oe_seastars)

**Grade Levels:** 3rd;4th;5th

What really makes a fish a fish? From tails to scales, join us in the auditorium to explore the awesome adaptations fish have to survive in their underwater world! Understand the characteristics that all fish share, while learning about the two major groups of fish we exhibit at the Aquarium. Through incredible underwater photography, during this 25-minute introduction, we'll focus on the truly bizarre, "freaky" fish whose unique adaptations allow them to survive in some of the most challenging habitats in the world. Then it is time for students to explore the Aquarium with their chaperones using an Aquarium-provided Exploration Booklet filled with activities designed to promote interesting conversations and focused observation at exhibits. You will see (with a fish-eye view) the roles and adaptations that make fish such fascinating and fantastic creatures!

## Monterey Marine Sanctuary Exploration Center Santa Cruz

<http://montereybay.noaa.gov/vc/sec/welcome.html>

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### Self-Guided Tours

<http://montereybay.noaa.gov/vc/sec/fieldtrip.html>

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

You determine the focus and set the pace. Docents will welcome your group to the Center and be available to assist while you explore the exhibits and answer any questions you may have.

### Guided Tours

<http://montereybay.noaa.gov/vc/sec/fieldtrip.html>

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

Experience the Exploration Center with your own personal tour guide. Your group will be split into smaller groups of 8-12 to explore our exhibits with a trained docent who will provide an orientation, focused discussions and observations. 75 minutes  
Group Size: Maximum of 35 participants \*Not including Chaperones \*Chaperones are free

## Oakland Zoo Oakland

<http://www.oaklandzoo.org>

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### Self Guided Tours

[http://www.oaklandzoo.org/Field\\_Trip\\_Large\\_Grps.php](http://www.oaklandzoo.org/Field_Trip_Large_Grps.php)

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

Are you interested in bringing your group to the Oakland Zoo? Whether it's for a school, family, church, or organization, making a reservation insures your group admittance at a discounted rate. Plan ahead by visiting our website for upcoming events, maps, animal feedings and scavenger hunts. Once inside, you can explore the Zoo at your own pace.

### Wildlife Assembly at the Zoo

[http://www.oaklandzoo.org/Wildlife\\_Assembly.php](http://www.oaklandzoo.org/Wildlife_Assembly.php)

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

our 45-minute interactive program hosted by an Oakland Zoo Education Specialist in our Clorox Wildlife Theater in the Valley Children's Zoo, will provide an opportunity to explore animal adaptations through games, songs and a live animal presentation. After your program ends, your class, using their honed observational skills, can explore the Zoo at your own pace. Younger Grades (Kindergarten - 2nd) - Happy, Healthy Families; Ooh, That Smells So Good On My Tongue!; Baby Talk Older Grades (3rd - 5th) - Home is Where the Habitat Is; Chew On This, Poop - the Best Gift Ever FREE or DISCOUNTED for East Bay Title 1 schools, Apply to the Zoo to Community Program at [http://www.oaklandzoo.org/Zoo\\_to\\_Community.php](http://www.oaklandzoo.org/Zoo_to_Community.php)

### ZooSchool Explorer's Club

[http://www.oaklandzoo.org/ZooSchool\\_Explorers.php](http://www.oaklandzoo.org/ZooSchool_Explorers.php)

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

Bring your class to the Zoo and experience a day full of adventure! Upon arrival each class will be greeted by an Education Specialist, who will bring you to a classroom and introduce your theme. Then you will venture in to the Zoo to explore and observe the plants and animals on a guided tour. After your tour, you will return to your classroom to wrap up and review the day's activities. After your program has ended you can head back into the Zoo to eat a picnic lunch, or back to visit the animals until your departure time.

FREE or DISCOUNTED for East Bay Title 1 schools, Apply to the Zoo to Community Program at [http://www.oaklandzoo.org/Zoo\\_to\\_Community.php](http://www.oaklandzoo.org/Zoo_to_Community.php)

### Pacific Grove Museum Monarch Sanctuary Pacific Grove

<http://www.pgmuseum.org/category/topics-interest/butterflies>

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#### Monarch Butterflies Field Trip

<https://www.pgmuseum.org/class-field-trips>

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

Visit the Pacific Grove Butterfly Sanctuary (south of Monterey). During the entire Monarch over wintering season (October through February), trained docents stand under the Butterfly Trees explaining the phenomenon to visitors coming to Pacific Grove's sanctuary. You may want to combine this visit with the butterfly exhibit at the Pacific Grove Museum of Natural History, 12 blocks away, or visit to the Monterey Bay Aquarium, 2 miles away. Visitors may combine a tour of the habitat with a visit to the Museum of Natural History where they are welcome to view a large Monarch butterfly display on the main and second floors. A video allows a close-up view of the Monarch's magical metamorphosis from egg, to caterpillar, to chrysalis, to butterfly. Let the Pacific Grove Museum of Natural History supplement and enrich your Science or History/Social Studies curriculum. We offer fieldtrip programs and outreach kits that address state and national standards. For the most engaging experience, we suggest that you have your students participate in a topic-specific, hands-on program in the Education Room. These programs last approximately half an hour and can accommodate up to 20 students at a time. Possible topics include fossils, life cycles, animal adaptations, rocks and minerals, California Indian artifacts, local animals and their habitats, or special requests.

### Point Bonita YMCA Sausalito

<https://www.ymcasf.org/locations/point-bonita-ymca>

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#### Hands on Service & Science Learning: Habitat Restoration

[http://www.ymcasf.org/ptbonita/what\\_we\\_offer/for\\_kids/hands\\_on\\_science\\_and\\_service\\_learning](http://www.ymcasf.org/ptbonita/what_we_offer/for_kids/hands_on_science_and_service_learning)

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

Help the National Park Service in its master plan to restore native habitats! Students learn about the natural history of the GGNRA, comparing the present species population makeup with that of the past. Visits to undisturbed areas demonstrate how native habitats support native biodiversity. Students make comparisons with disturbed areas, where introduced species dominate the landscape, gaining an understanding of the ecological effects of invasive plants. Then, students take action, getting their hands dirty and using some muscle to remove non-natives!

### Point Reyes Bird Observatory Stinson Beach

<http://www.prbo.org/>

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#### Mist-netting Field Trips

<http://www.pointblue.org/our-science-and-services/conservation-science/conservation-training/mist-netting-demonstrations/>

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

PRBO's Education Program offers field trips to PRBO's Palomarin Field Station and other Marin County sites to observe mist-netting and bird banding demonstrations. Each year approximately 1,000 students participate in this program, providing them with the opportunity to observe science in action!

Randall Museum  
San Francisco

<http://www.randallmuseum.org/>

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Live Animal Presentations

<http://www.randallmuseum.org/>

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

Choose from the following topics that best supplement your curriculum.

- Animal Senses
- Animal Habitats
- Nocturnal Animals
- Predator-Prey Relationships
- Topic of your choice

SF Botanical Garden & Strybing Arboretum  
San Francisco

<http://www.strybing.org>

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Guided Garden Tours -Special Needs Tours

<http://www.sfbotanicalgarden.org/ye/index.html#guidedschoolwalks>

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

The SF Botanical Garden & Strybing Arboretum will gladly tailor a walk to your students' needs and abilities. Please apply through the regular lottery and provide whatever information is appropriate. We encourage all special needs classes to apply.

Guided Garden Tours - Flower Walk - AVAILABLE SPRING ONLY

<http://www.sfbotanicalgarden.org/ye/index.html#guidedschoolwalks>

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

Discover how buds become flowers and flowers become fruit. Learn about the pollinators who help plants make seeds. Free docent-guided walks are offered for elementary school students throughout the school year. Dates are assigned through two lotteries- one in mid-September and one in mid-December

Guided Garden Tours -The Redwood Trail

<http://www.sfbotanicalgarden.org/ye/index.html#guidedschoolwalks>

**Grade Levels:** 3rd;4th;5th

Investigate the diversity of plants in the redwood forest. Explore the interrelationships of plants, animals, and their environment. Free docent-guided walks are offered for elementary school students throughout the school year. Dates are assigned through two lotteries- one in mid-September and one in mid-December

Guided Garden Tours -Plant Travelers - AVAILABLE FALL ONLY

<http://www.sfbotanicalgarden.org/ye/index.html#guidedschoolwalks>

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

Wind, water, and animals are three ways plants disperse seeds. Explore the diversity of seed shape and structure. Free docent-guided walks are offered for elementary school students throughout the school year. Dates are assigned through two lotteries- one in mid-September and one in mid-December

San Francisco Zoo  
San Francisco

<http://www.sfzoo.org>

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Close Encounters - Habitats

<http://www.sfzoo.org>

**Grade Levels:** K;1st;3rd;4th;6th

Children will be able to compare life in the desert, the rain forest, and the Bay Area. They will get a first-hand look at some of the animals of these regions and their adaptations for survival.

### Rain Forest Animals - Docent guided Tour

<http://www.sfzoo.org>

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

Focuses on the biological diversity of this most endangered terrestrial ecosystem.

### Close Encounters: Animal Classification

<http://www.sfzoo.org>

**Grade Levels:** 2nd;3rd;5th

Best for grades 2, 3, and 5. Students will be introduced to the five classes of animals with a backbone. Similarities and differences in habitats, locomotion, and feeding strategies are discussed.

### Close Encounters: Birds Form and Function

<http://www.sfzoo.org>

**Grade Levels:** 3rd;4th;5th;6th;7th

Students will be able to see five different birds that have very different lifestyles. The children will learn about feeding strategies, anatomy, and specific adaptations for survival of this diverse group of animals. No hands-on component.

### Environments & Habitats - Docent guided tour

<http://www.sfzoo.org>

**Grade Levels:** 1st;3rd;4th;6th;7th

Students will learn about different types of habitats and how animals are specially adapted to survive in them.

### Animal Adaptations - Docent guided tour

<http://www.sfzoo.org>

**Grade Levels:** 1st;3rd;4th;6th

Concentrates on visible external adaptations that animals have to allow them to survive. Teacher Guides available online.

### Self Guided Tours - Packets Available

<http://www.sfzoo.org>

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

Packets Available:

Animal Adaptations (grades 1, 3, 4, 6)

Animal Behavior (grades 3, 4, 5, 6, 7)

Gorilla World (grades 3, 4, 5, 6, 7, 9-12)

Animal Environments (Habitats) (grades K, 1, 3, 4, 6)

And coming soon...

Primates 1: Introduction

Primates 2: Class Activities

Primates 3: Physical Adaptations

Primates 4: Behavioral Adaptations

Primates 5: Old World Primates

Primates 6: New World Primates

Primates 7: Apes

Primates 8: Species at the Zoo

Primates 9: Vocabulary

Rainforest Animals Self-Guided Tour

Rainforest Vocabulary

SF Zoo Tropical Animals

Shifting the Balance (Endangered Species)

Zoo Design

### Close Encounters: The Evolving Reptiles

<http://www.sfzoo.org>

**Grade Levels:** 3rd;4th;5th;7th

Reptiles have been on the earth for hundreds of millions of years. Two hundred and thirty million years ago, there were 20 distinct orders of these scaly creatures. Now, there are only four. Learn how these survivors make their way in the modern world.

## Seymour Marine Discovery Center

Santa Cruz

<http://www2.ucsc.edu/seymourcenter/>

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### Guided Tours of the Seymour Marine Discovery Center

<http://www2.ucsc.edu/seymourcenter/>

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

Reserve your own docent to guide your students through the amazing sights and sounds of a working marine lab. Discover where, what, and how ocean scientists learn about marine mammals and their incredible abilities. Your students will peer at some special marine mammals residing at the lab to help scientists investigate how their well-adapted bodies function. Learn how ongoing science at Long Marine Lab can help conservation efforts for animals in the wild. Before or after your guided tour, students can explore how scientists work through interactive exhibits and aquaria

## Stepping Out Stepping In

Oakland

<http://www.stepsoutsteppingin.org>

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### M.A.D. about Adaptations

<http://www.stepsoutsteppingin.org/mad-about-adaptations-3rd-grade.html>

**Grade Levels:** 3rd

**Pre-Trip:** Your program will begin in your classroom with fun activities that will get your students excited about birds! We will dress up a student in a bird costume as they learn how birds have special adaptations for survival. Then your students will play an engaging game called "bird beak buffet" where they need to compete for food on the mudflat!

**Field Trip to Middle Harbor:** Your students will get a "bird's-eye view" of the difficulties to surviving on the wild shoreline.

Through fun interactive games and on-site bird discovery, students will understand that if we can't change we can't survive!

Your students will come away being bird enthusiasts and excited to learn about birds in their own neighborhood.

## Suisun Marsh Natural History Association

Suisun

<http://www.suisunwildlife.org/>

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### Native American Trip

<http://www.suisunwildlife.org/eecclass.html>

**Grade Levels:** 3rd;4th;5th;6th

A walk through the Rockville Hills Park highlighting the life ways of the Native Americans living here before and during the Spanish conquests and American arrival. Native plants and animals will also be examined.

## Sulphur Creek Nature Center

Hayward

<http://www.haywardrec.org/129/Sulphur-Creek-Nature-Center>

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### Bats in Focus - Field Trip

<http://www.haywardrec.org/354/School-Programs>

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

What's it like to be the only mammal that flies? How do you "see" with your ears? How do you scream so that no one hears?

Explore the world from a bat's point of view and understand how these unique creatures benefit us all.

### Local Wildlife Tour

<http://www.haywardrec.org/354/School-Programs>

**Grade Levels:** 3rd;4th;5th;6th

Tour Sulphur Creek and get close to the California wildlife that roams our creeks, hills and forests. Become familiar with the opossum, coyote, hawk, raven, snake, toad and more! Learn about their adaptations through discussion, observation and interaction. Discover what habitat requirements animals need in order to survive on their own

## Birds of Prey

<http://www.haywardrec.org/354/School-Programs>

**Grade Levels:** 3rd;4th;5th;6th

Birds of Prey include: hawks, eagles, falcons, and owls. Meet these birds and see firsthand their amazing tools (beaks, eyes, talons, etc.) that allow them to be expert hunters.

## Avian Antics - Field Trip

<http://www.haywardrec.org/354/School-Programs>

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

Birds are some of the most observable wildlife. Get a close up look at what makes them unique. With the use of artifacts and live examples, you will investigate birds from A to Z including special adaptations, nest building and how they fly.

## Hooray for Herps! - Field Trip

<http://www.haywardrec.org/354/School-Programs>

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

Meet our resident reptiles and amphibians and learn about their natural history and ecology. Discuss life cycles, predators and prey, habitats, locomotion and defense mechanisms. Local species are available for handling.

## Sunol-Ohlone Regional Wilderness

Sunol

<http://www.ebparks.org>

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### U-Pick Nature Program: In Park or Class

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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

We will customize a program to fit your needs. Pollination, weather, animal adaptations, and more! Can't make it to the park? We'll come to you!

## The Gardens at Heather Farms

Walnut Creek

<http://www.gardenshf.org/>

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### From Our Garden to Yours Field Trip

<http://www.gardenshf.org/youth-programs.html#fromourgarden>

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

Students cultivate their very own garden experience by planting a wildlife garden. The ecological lesson focuses on structure and function of plants, the nutrient cycle, pollination, and wildlife habitat. Plants and seeds will be provided. (Also available as in-class presentation.) 1 hour

### Wet and Wild: Exploring Creeks and Ponds Field Trip

<http://www.gardenshf.org/youth-programs.html#wetandwild>

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

Dip" into our creek and pond to investigate the hidden lives of some amazing plants and animals. We'll discover how these creatures adapt to underwater life, and learn how we can protect the health of aquatic habitats. (Also available as an in-class presentation)

### Essential Ecology - Keystone Species Field Trip

<http://www.gardenshf.org/youth-programs.html#essentialecology>

**Grade Levels:** 3rd;4th;5th;6th;7th

Students learn about keystone species and their influence on the structure of an ecosystem by investigating an environmental problem. (Also available as an in-class presentation)

### Bug Buddies Field Trip

<http://www.gardenshf.org/youth-programs.html#bugbuddies>

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

Peek into the amazing world of insects, the most successful life form on the planet. Young entomologists will observe and handle live mini-beasts to experience a bug's life, learn about creature features, and test their bug IQ. Also available as in-class presentation. 1 hour

## Magic of Monarchs Field Trip

<http://www.gardenshf.org/youth-programs.html>

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

Learn about insect adaptation and life cycles as we discover the fascinating life of a Monarch. Meet a caterpillar, and create your own butterfly. Classes receive seeds to start their very own butterfly garden. This is a special program available upon request. Also available as in-class presentation.

## The Marine Mammal Center

Sausalito

<http://www.marinemammalcenter.org/>

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### Self-Guided Visit to the Marine Mammal Center

<http://www.marinemammalcenter.org/education/school-aged-programs-tours/at-the-center.html#allgrades>

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

Reserve a time to lead your own group (of more than ten people) on a self-guided visit through The Marine Mammal Center's public areas. Exhibits throughout the facility inform your group about our work. Docents stationed at the Info Desk and Upper Viewing Area are available to answer questions. Enjoy watching seal and sea lion patients. Look into key areas such as the fish kitchen, chart room and laboratory. Depending on patient care activities, you may be able to watch animal care crews in action preparing food, feeding animals, cleaning pens, and working on medical charts; and you may see technicians doing laboratory analyses.

Please note: Self-Guided Visits are only available:

Sunday and Monday 10 a.m. to 5 p.m. or Tuesday through Friday 2 p.m. to 5 p.m. - - Hours vary on Saturdays. Weekday mornings may be available if requested no more than two weeks in advance by calling (415) 289-7330

### Elephant Seals: Pup to Adult

<http://www.marinemammalcenter.org/education/school-aged-programs-tours/at-the-center.html>

**Grade Levels:** 2nd;3rd

Classroom Program - Through an engaging series of discussions, video clips, short activities, and examination of specimens, students track the life cycle of the elephant seal throughout the year. They learn when the animals come ashore for breeding and molting and how the seals live and hunt in the open ocean for months at a time. Special attention is paid to pups and weaners, and students try to "beat the odds" as they act out elephant seal pups facing the challenges of their first year on land and at sea.

## The Tech Interactive

San Jose

<http://www.thetech.org>

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### IMAX Film: Flight of the Butterflies

<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. Flight of the Butterflies

Weighing less than a penny, the Monarch butterfly makes one of the longest migrations on Earth across a continent to a place it has never known. Follow the monarchs' perilous journey and experience millions of them in the remote mountain peaks of Mexico. Be captivated by the true and compelling story of an intrepid scientist's 40-year search to find their secret hideaway. Unravel the mysteries and experience the Flight of the Butterflies.

### 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.

## Tilden Nature Area-Tilden Regional Park

Berkeley

<http://www.ebparks.org>

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## Pond Study (March-Oct.)

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](https://www.ebparks.org/activities/educators/field_trips/trips/default.htm)

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

Explore the wet and wonderful world of the Nature Area's ponds: insects, amphibians and more (perhaps even a garter snake!).

## Wildlife (Year round):

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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

Focus on various animal classes during an interactive hike. 60-90 minutes. Choose from one or more of the following topics:

- Reptiles (year round)
- Amphibians (Nov.-May)
- Birds (year round)
- Mammals (year round)
- Insects (March-Oct.)
- Spiders (Sept.-Oct. and March)

## Tailored Naturalist Program: Habitats

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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 Botanical Garden

Berkeley

<http://botanicalgarden.berkeley.edu/>

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### Math in the Garden

<http://botanicalgarden.berkeley.edu/education/tours.shtml#children>

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

Develop your mathematical skills and powers of observation as you apply them to the beauty and diversity of plants surrounding you in the Garden. Look for geometric shapes, angles, symmetry, and patterns, even fractals and Fibonacci numbers! Discover how nature's designs are adaptations helping plants to survive. Activities will be selected to be grade-level appropriate.

### Extreme Environments: Glass House Collections

<http://botanicalgarden.berkeley.edu/education/tours.shtml#children>

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

How do plants survive in diverse ecosystems? Visit three unique glass houses: the Arid House, with one of the largest collections of cacti and succulents in the country; the Orchid, Fern and Carnivorous Plant House; and the Tropical House, where you feel as though you're in a rainforest. Discover remarkable relationships between plants and animals. Learn about environments and plant adaptations found in widely different places around the globe. This is a mostly indoor tour great for rainy winter months.

### California Ecosystems and Habitats

<http://botanicalgarden.berkeley.edu/education/tours.shtml#children>

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

Explore the Garden's outstanding collection of California native plants to learn how they adapted to specific areas within the Golden State. Visit different ecosystems and plant communities including alpine slope, chaparral, coastal dune, desert, pine-oak woodland, pygmy forest, redwood forest, serpentine, and a vernal pool. Compare and contrast the characteristics that allow plants to exist in diverse habitats.

### Trees in the Garden

<http://botanicalgarden.berkeley.edu/education/tours.shtml#children>

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

What is a tree? How do they get so tall? Why are they important to our planet? Discover how a tree is different from other plants, how they adapt to their environments, how they make food from sunlight, and how they grow and reproduce. Learn about their life cycles, and the ecosystems they inhabit. Visit trees from around the world; see examples of the planet's tallest and most massive organisms as well as those that lived when the dinosaurs roamed the earth.

## Plant Travelers

<http://botanicalgarden.berkeley.edu/education/tours.shtml#children>

**Grade Levels:** 1st;2nd;3rd;4th;5th;6th

Can plants really travel? Marvel at the slingshots, parachutes, hitchhikers, helicopters and other mechanisms that propel plant seeds around the Garden.

## Wildcare

San Rafael

<http://www.wildcarebayarea.org>

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### Miwok Meadows, China Camp

<https://www.discoverwildcare.org/programs/nature-hikes/>

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

Students explore the fascinating and diverse habitats of this historic site to discover the life cycles, adaptations and ecology of wetlands, oak woodlands and grasslands.

### WildCare Center Tours

<https://www.discoverwildcare.org/programs/wildcare-center-tours/>

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

Discover a world of wings and paws. Get a nose-to-nose view of native birds and mammals with engaging programs tailored to meet the learning needs of each class. Learn about the place of wildlife in modern society, wildlife ecology and the work of WildCare at our site by Albert Park. Taught by a professional teacher/naturalist. Grades Pre-school - 2nd: Discover our animal neighbors in an active, fun-filled program taught by an experienced naturalist. Grades 3 - 8: Learn about the place of wildlife in modern society, wildlife ecology and the work of WildCare's animal rehabilitation hospital. 75 minute presentation.

### WildCare's Courtyard and Museum

<https://www.discoverwildcare.org/programs/visit-our-courtyard/>

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

The museum is stocked with books, charts, pictures, and games, as well as taxidermic animals that can be touched. Our courtyard is home to many non-releasable wild animals who serve as our Wildlife Ambassadors. Scoma is a Brown Pelican who suffered a wing injury and who can no longer fly or fish as he should. Sequoia, a Northern Spotted Owl, fell from the nest as a fledgling and also suffered a wing injury.

## Program Type: In-Class Program

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CA Dept of Fish and Wildlife, Sacramento Region  
Sacramento

<http://www.dfg.ca.gov/>

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### Classroom Aquarium Education Project (CAEP)

<https://www.wildlife.ca.gov/CAEP/R3>

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

The Classroom Aquarium Education Program (CAEP - also known as Trout-in the Classroom and Steelhead in the Classroom) is a community-based program which allows students to experience first hand the delicate balance needed for animals to survive in aquatic ecosystems. Using eggs provided by a hatchery, classes set-up and maintain an aquarium for the purpose of observing the development of fish from the eyed-egg stage until they become young fry. Students engage in course of study which supports the leaning experience across curriculum area. This program is run cooperatively by local schools, fishing clubs and government agencies.

California Academy of Sciences  
San Francisco

<http://www.calacademy.org>

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## Virtual Field Trip: Rainforest Meals: Adaptations for Eating

<http://www.calacademy.org/educators/virtual-programs>

**Grade Levels:** 2nd;3rd;4th

Virtual Field Trips are live, interactive programs that connect your class to Academy collections, animals, and exhibits over the internet. Requiring nothing more than a computer with a reliable internet connection, speakers, and a projector or monitor, these sessions will bring excitement to your science curriculum.

Rainforests are filled with animals of many shapes and sizes. All of these animals, from insects to mammals, need food to survive. Explore the adaptations for eating in some amazing rainforest animals and closely observe the skulls of a few of the organisms we meet.

## Virtual Field Trip: Waddle like a Penguin

<http://www.calacademy.org/educators/virtual-programs>

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

Virtual Field Trips are live, interactive programs that connect your class to Academy collections, animals, and exhibits over the internet. Requiring nothing more than a computer with a reliable internet connection, speakers, and a projector or monitor, these sessions will bring excitement to your science curriculum. Penguins don't fly, but they still share features with all birds: wings, a beak, and feathers. In a live, interactive, web-based program, learn how the unique adaptations of African Penguins help them to survive in their ocean habitat. Waddle and swim like a penguin to observe our live penguin colony. Then, Academy staff will answer student questions about these amazing birds!

## California Dept of Parks and Recreation Sacramento

<http://www.parks.ca.gov/>

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## Virtual Field Trip: Salmon Life Cycle

[http://www.ports.parks.ca.gov/?page\\_id=26528](http://www.ports.parks.ca.gov/?page_id=26528)

**Grade Levels:** 3rd;6th

PORTS is a free distance learning program that uses the power of interactive videoconferencing to help K-12 schools teach common core state standards in the context of California State Parks. PORTS Programs include: Fully developed units of study to prepare and assess learning. and Live, interactive videoconference presentations on science, history, language arts and other academic topics.

The migratory life cycle of pacific salmon and steelhead offers students an opportunity to explore how adaptations help animals survive in different environments. During the course of this unit the life cycle of the salmon will take us from egg to adult, from freshwater streams in the redwoods to the salty Pacific Ocean, over obstacles and past predators. Students will explore the concept of watersheds in the context of the Mill Creek watershed in Del Norte Coast Redwoods State Park in Humboldt county.

This unit of study provides four, one hour, in-class lessons to familiarize your students with the story of salmon and key concepts concerning migration and watersheds. The fifth lesson is a live, interactive videoconference with Park Interpreters. The interpreter will talk directly with your students about the life cycle, habitats and adaptations of the amazing pacific salmon.

## Classroom Safari Petaluma

<https://www.classroomsafari.org/>

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## Skulls & Skeletons

<https://www.classroomsafari.org/schools>

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

Whose skull is this? What bone is that? See and touch bones from many different species. Some of the bones we will bring are a camel skull, warthog skull, various reptile bones, ostrich, birds, bison and more. We will compare an alligator skull to a crocodile skull, a real giraffe neck bone to a plastic human neck bone model. Play our "Deer in a Bucket" game and reconstruct a deer skeleton. Who knew "BONES" could be so much fun

## 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/>

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### Birds of Prey - CuriOdyssey

<https://curiodyssey.org/schools-groups/>

**Grade Levels:** 3rd;4th;5th;6th

Explore the captivating world of eagles, hawks, falcons, and owls. Students will investigate the adaptations of these magnificent birds, discover what they eat by dissecting an owl pellet, and test their senses to see how they would handle being a bird of prey.

Live animals vary and may include: American kestrel, great horned owl, red-shouldered hawk, Swainson's hawk, screech owl, and turkey vulture.

### Ramblin' Reptiles - In-Class

<https://curiodyssey.org/schools-groups/>

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

Reptiles have inhabited this planet for 340 million years! This program takes a focused look at some of the Museum's amazing ectotherms. Observe the locomotion of a tortoise, patterns of a snake, or the blue tongue of a skink as we study the ancestors of dinosaurs. Animal Ambassadors vary and may include: Desert tortoise, blue-tongued skink, and snake. FOSS Links: Structures of Life. Also available as a field trip.

### Audible Adventure - In-Class

<https://curiodyssey.org/schools-groups/>

**Grade Levels:** 2nd;3rd

What is sound? How does the shape of ears help or hinder hearing? How can animals use sound clues to navigate their world? These questions form the foundation of our inquiry into the world of sound. Students make "laughing cups," experiment with sound and explore using their sense of hearing. Let's hear it for this audible adventure!

Also available as a field trip program.

### Predators and Prey

<https://curiodyssey.org/schools-groups/>

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

Food is the fuel that drives life on earth. Students explore the adaptations of animals that aid in finding their food or prevent them from becoming food. Study animal skulls to determine who are herbivores, omnivores, and carnivores. Meet a live animal and assess the special adaptations that help animals compete for food resources in an ecosystem.

### Wildlife Presentations - In class

<https://curiodyssey.org/schools-groups/>

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

Bring your group to CuriOdyssey and experience a live animal program in our theater. Learn about some of the animals that live at CuriOdyssey, their special characteristics, adaptations, and native habitats. Our wildlife staff will bring 4 live animals for a 30-minute presentation followed by a 15-minute question and answer session. Choose from the following themes:

- To Conserve and Protect: Cultivate enthusiasm for the environment in your classroom by introducing students to some of CuriOdyssey's threatened species.
- Catch Me If You Can: Get a closer look at some of the fascinating adaptations that animals can develop to defend themselves against predators. Live animals vary and may include: Desert tortoise, turkey vulture, and gopher snake. Grades PreK-6
- High to Low Habitats: Animals are everywhere, but did you know that most animals are only adapted to live in one or two different types of habitats? Learn about the high and low places on the planet, and get up close and personal with some animals that are specially equipped to live there. Live animals vary and may include: Western screech owl, European ferret, and California mountain kingsnake. Grades K-4
- What's on the Menu?: Animals eat a multitude of different things, and don't always fit into a single category such as "predator" or "consumer." Find out more about how animals interrelate in the food web. Live animals vary and may include: Great horned owl, Madagascar hissing cockroach, and domestic rabbit. Grades 1-4

## Diablo Valley Fly Fishermen

<http://www.diablovalleyflyfish.org/index.html>

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### Trout in the Classroom

[http://www.diablovalleyflyfish.org/content.aspx?page\\_id=22&club\\_id=78048&module\\_id=164059](http://www.diablovalleyflyfish.org/content.aspx?page_id=22&club_id=78048&module_id=164059)

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

Trout in the Classroom, now known as the Classroom Aquarium Education Program (CAEP) in California (encompassing Trout in the Classroom, Steelhead in the Classroom, Salmonids in the Classroom, and the Salmon and Trout Education Program) is a relatively simple program and has been a huge success so far. Basically, teachers set up an aquarium and incubate trout eggs in their classroom, under the guidance of a Trout in the Classroom coordinator. Together, they ensure that all of the equipment has been purchased and is assembled by January. The teacher and students are responsible for daily maintenance and observation of the eggs, while the coordinator is responsible for obtaining permits and delivering the eggs. The final result is an aquarium full of trout fry that is released into a pre-approved body of water during a class field trip. Trout in the Classroom is an extremely rewarding program for everybody involved, whether student, teacher, or mentor.

## East Bay Regional Park District Oakland

<http://www.ebparks.org>

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### Mobile Visitor Center

[http://www.ebparks.org/activities/educators/Mobile\\_Education\\_Outreach](http://www.ebparks.org/activities/educators/Mobile_Education_Outreach)

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

Imagine a "closet on wheels," filled with materials for teaching any range of nature-related topics. And it even comes with a professional nature educator! Groups of up to 30 students at a time engage in topics including:

- ~ Watersheds
- ~ Local Mammals
- ~ Reptiles and Amphibians

## Farallones Marine Sanctuary Association San Francisco

<http://www.farallones.org>

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### Crab Cab

<https://farallones.noaa.gov/education/crabcab.html>

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

What is a crab? How do crabs survive? Where do crabs live? The Crab Cab is a 45-minute At Your School program for K-3rd graders on crab diversity and natural history. The program includes hands-on activities and crab artifacts.

## Lindsay Wildlife Experience Walnut Creek

<http://lindsaywildlife.org/>

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### Owls-Silent Hunters

<https://lindsaywildlife.org/teachers-and-schools/>

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

Owls have special adaptations as birds of prey that make them efficient predators. Meet some of these birds of prey and learn about the adaptations that enable them to be amazing silent hunters.

### Bats

<https://lindsaywildlife.org/teachers-and-schools/>

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

Learn the truth about the world's only flying mammals-- bats. Programs can be tailored to teacher requests/science standards, artifacts included.

## Animals of Mt. Diablo In-Class Presentation

<https://lindsaywildlife.org/teachers-and-schools/>

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

All animals need food, water and shelter to survive and to raise their young. Meet some of the animals that live in dens, nests, ponds or deep underground and learn about the ecosystems and adaptations animals have to help them survive.

## Mad Science - Mt. Diablo

Concord

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

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### All About Animals

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

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

Feathers, fins, fur and more! Explore the animal kingdom and learn about the habitats, anatomy and life cycles of your favorite creatures. Make your own animal track, and explore the amazing, and sometimes strange, sounds that animals make.

## Marine Science Institute

Redwood City

<http://www.sfbaymsi.org>

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### Inland Voyages-Marine Habitats

<http://sfbaymsi.org/schoolprograms/inlandvoyages.html>

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

Each hands-on program examines different habitats by showcasing the unique adaptations of the marine animals that live in each. Students work with live marine animals and plants, marine artifacts, and identification keys. These habitats are those commonly found in the San Francisco Bay surrounding areas. The following is a description of the different Marine Habitat Inland Voyages that are currently offered:

Rocky Intertidal Habitat - how tidepool animals move, eat and protect themselves.

Sandy Beach - how Sandy Beach animals are adapted to survive above and below the sand.

Marshes & Mudflats - fish and invertebrates commonly found in the local marshes and mudflats.

Kelp Forests - the kelp forest food web and human uses of kelp.

Open Ocean - the larger, pelagic animals that live away from the coastal waters of the Pacific Ocean.

### Inland Voyages-Bay and Ocean Invertebrates

<https://www.sfbaymsi.org/inland-voyage>

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

How do so many creatures survive in rocky tidepools along the coast? What animals actually thrive in the muddy bottom of the Bay? How do the Bay invertebrates differ from their saltier cousins? The answers will be found in a close-up examination of crabs, anemones, clams, sea stars, urchins, and many others. Feeding and reproductive strategies and more advanced concepts can also be included. Program topics can be tailored specifically for your group. An Educator's Guide is provided.

## Mount Diablo Beekeepers Association

Pleasant Hill

<http://diablobees.org/>

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### Bee Keeper at your School

<http://diablobees.org/>

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

Mr. Lawrence makes arrangements for volunteers from the Mount Diablo Bee Keepers Association to come out to your school to show students about the bee life cycle. Also have 19 minute video that you can show before the program at the time the program. Kids get to taste honey.

## Oakland Zoo

Oakland

<http://www.oaklandzoo.org>

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## School ZooMobile - "Home is Where the Habitat Is" - Animal Adaptations & Habitats

[http://www.oaklandzoo.org/ZooMobile\\_Community.php](http://www.oaklandzoo.org/ZooMobile_Community.php)

**Grade Levels:** 2nd;3rd

Why do hedgehogs have spines? Why are snakes missing their legs? Why do some lizards lose their tails? Join us as we explore the world of animal adaptations and how each habitat affects the animals that live there – and vice versa!

## School ZooMobile - "Baby Talk" - Animal Families & Reproduction

[http://www.oaklandzoo.org/ZooMobile\\_Community.php](http://www.oaklandzoo.org/ZooMobile_Community.php)

**Grade Levels:** 1st;2nd;3rd

So there you were, a helpless little baby in a big, weird world. Good thing you had a family or you wouldn't have survived for long. But how did your family know what you needed? Did you tell them? And how did they know you belonged to them? Families are important for providing us with our basic needs, wants, and a whole lot more, including the way we look. Discover the ways zoo animals take care of their families and pass on their lineage for future generations.

## School ZooMobile - "Chew On This" - Animal Structures & Survival

[http://www.oaklandzoo.org/ZooMobile\\_Community.php](http://www.oaklandzoo.org/ZooMobile_Community.php)

**Grade Levels:** 3rd;4th

Everybody is somebody's lunch in the wild. But, how can you tell who will be the eater, and who will be the eaten? Let's explore how the body structures of animals – like skulls, feet and beaks – have adapted over time to help them make the most of the food and other resources in their ecosystems.

## Point Reyes Bird Observatory

Stinson Beach

<http://www.prbo.org/>

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### Point Reyes Bird Observatory School Programs

<https://www.pointblue.org/our-work/education/>

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

Partnering with other organizations, Point Blue offers environmental education about ecosystem conservation with a simple—and profound—underlying goal: to make sure our communities are connected to nature, understand the role of science in conservation, and take action to promote climate-smart conservation.

## San Francisco Zoo

San Francisco

<http://www.sfzoo.org>

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### ZooMobile: Animal Classifications

<http://www.sfzoo.org>

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

Students will be introduced to the five classes of animals with a backbone. Similarities and differences in habitats, locomotion, and feeding strategies are discussed.

### ZooMobile: The Evolving Reptiles

<http://www.sfzoo.org>

**Grade Levels:** 3rd;4th;5th;6th;7th

Reptiles have been on the earth for hundreds of millions of years. Two hundred and thirty million years ago, there were 20 distinct orders of these scaly creatures. Now, there are only four. Learn how these survivors make their way in the modern world.

### ZooMobile: Habitats

<http://www.sfzoo.org>

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

Children will be able to compare life in the desert, the rain forest, and the Bay Area. They will get a first-hand look at some of the animals of these regions and their adaptations for survival.

## ZooMobile: Birds Form and Function

<http://www.sfzoo.org>

**Grade Levels:** 3rd;4th;5th;6th;7th

Students will be able to see five different birds that have very different lifestyles. The children will learn about feeding strategies, anatomy, and specific adaptations for survival of this diverse group of animals. No hands-on component.

## SaveNature.org

San Francisco

<http://www.savenature.org>

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### Insect Discovery Lab

<http://www.savenature.org/content/IDL>

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

Each presentation includes hands-on experience with live animals and observation time with live and preserved materials. Children will learn how to identify insects and their arthropod relatives, touch amazing arthropod ambassadors, see how insects defend themselves, and discover their incredible diversity. Students explore the fantastic lives of beetles, millipedes, grasshoppers, walking sticks, whip scorpions, and more. The Insect Discovery Lab immerses students in the extraordinarily diverse world of insects and other arthropods and teaches about their key role in the web of life. Scientific observation, insect identification, and the natural history of bugs' lives are just some of the areas of focus of this program. Classes will receive pre and post visit materials including fact sheets, activity sheets, resource sheets and conservation action guides. Programs are 45-50 minutes long.

### Owl Pellet Discovery

[http://savenature.org/content/nature\\_academy](http://savenature.org/content/nature_academy)

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

Learn how to be a bone detective while examining how a barn owl digests their prey, or don't digest their prey. Discover what's for dinner.

### Squid Science Dissection

[http://savenature.org/content/nature\\_academy](http://savenature.org/content/nature_academy)

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

Explore what makes a squid so amazing! How they swim, navigate, defend themselves and hunt. Learn about their anatomy and how an animal's body is designed for success in the ocean.

## Suisun Marsh Natural History Association

Suisun

<http://www.suisunwildlife.org/>

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### Suisun Marsh Special Feature In-Class Presentations

<http://www.suisunwildlife.org/eeeclass.html>

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

Choose from many in-class presentation options:

- **Wildlife Rehabilitation:** A presentation covering the rehabilitation efforts of the Suisun Wildlife Center, including an up-close look at some non-releasable wildlife. (30 minute presentation - \$ 75 (suitable for pre-school), 45 minutes - \$85, 60 minutes - \$100, Assembly Presentation - \$200)
- **Reptiles:** A look at some native California reptiles combined with a pictorial view of their natural history as well as other North American reptiles.  
(\$100 / 60 minutes. Slide show, Interpreter and Reptile presentation.)
- **Owls - Silent Hunters of the Night:** A audio-visual presentation covering various species of owls and their night calls, including an up close look at some non-releasable local owls.  
(\$100 / 60 minutes. Slide show, Interpreter and non-releasable Owl presentation)

## Sulphur Creek Nature Center

Hayward

<http://www.haywardrec.org/129/Sulphur-Creek-Nature-Center>

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### Bats in Focus - In-Class Program

<http://www.haywardrec.org/354/School-Programs>

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

What's it like to be the only mammal that flies? How do you "see" with your ears? How do you scream so that no one hears? Explore the world from a bat's point of view and understand how these unique creatures benefit us all.

### Backyard Bugs

<http://www.haywardrec.org/354/School-Programs>

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

Explore the world of arthropods through this engaging, hands-on presentation that comes directly to your classroom. Students will learn how to classify and observe lifecycles of arachnids, myriopods, insects, and crustaceans.

### Hooray for Herps! - In-Class

<http://www.haywardrec.org/354/School-Programs>

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

Meet our resident reptiles and amphibians and learn about their natural history and ecology. Discuss life cycles, predators and prey, habitats, locomotion and defense mechanisms. Local species are available for handling.

### Birds of Prey - In class

<http://www.haywardrec.org/354/School-Programs>

**Grade Levels:** 3rd;4th;5th;6th

Birds of Prey include: hawks, eagles, falcons, and owls. Meet these birds and see firsthand their amazing tools (beaks, eyes, talons, etc.) that allow them to be expert hunters.

### Avian Antics - In-Class

<http://www.haywardrec.org/354/School-Programs>

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

Birds are some of the most observable wildlife. Get a close up look at what makes them unique. With the use of artifacts and live examples, you will investigate birds from A to Z including special adaptations, nest building and how they fly.

### Owls on the Prowl

<http://www.haywardrec.org/354/School-Programs>

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

Can you catch 100 mice a night? Owls can! Come learn about the amazing adaptations, or tools these birds of prey possess to be such effective hunters. Meet our resident owls and discover how they each can provide for their families in this highly interactive program.

### Mammal Menagerie - In-Class

<http://www.haywardrec.org/354/School-Programs>

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

What do coyotes, whales, bats and people have in common? Learn all about this amazing group of animals and how they have adapted to live in every environment. Discover their tremendous diversity, communication strategies, brain development and sensory adaptations.

## Sunol-Ohlone Regional Wilderness

Sunol

<http://www.ebparks.org>

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### U-Pick Nature Program: In Park or Class

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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

We will customize a program to fit your needs. Pollination, weather, animal adaptations, and more! Can't make it to the park? We'll come to you!

## The Gardens at Heather Farms

Walnut Creek

<http://www.gardenshf.org/>

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### Seed Secrets

<http://www.gardenshf.org/youth-programs.html>

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

Learn about the parts of seeds and flowering plants, the functions of each part, and the importance of seeds in the life cycle of a plant. Students develop their observation and record keeping skills by conducting a scientific investigation. Special program available upon request.

### Bug Buddies In-Class

<http://www.gardenshf.org/youth-programs.html#bugbuddies>

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

Peek into the amazing world of insects, the most successful life form on the planet. Young entomologists will observe and handle live mini-beasts to experience a bug's life, learn about creature features, and test their bug IQ. (Also available as a field-trip) 1 hour

### Magic of Monarchs In-Class

<http://gardenshf.org/Youth-Programs/childrens-classes.html>

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

Learn about insect adaptation and life cycles as we discover the fascinating life of a Monarch. Meet a caterpillar, and create your own butterfly. Classes receive seeds to start their very own butterfly garden. This is a special program available upon request. Also available as a field trip.

### Essential Ecology - Keystone Species In-Class

<http://www.gardenshf.org/youth-programs.html#essentialecology>

**Grade Levels:** 3rd;4th;5th;6th;7th

Students learn about keystone species and their influence on the structure of an ecosystem by investigating an environmental problem. (Also available as a field-trip)

### Wet and Wild: Exploring Creeks and Ponds In-Class

<http://www.gardenshf.org/youth-programs.html#wetandwild>

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

Dip" into our creek and pond to investigate the hidden lives of some amazing plants and animals. We'll discover how these creatures adapt to underwater life, and learn how we can protect the health of aquatic habitats. (Also available as a field trip)

### From Our Garden to Yours In-Class

<http://www.gardenshf.org/youth-programs.html#fromourgarden>

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

Students cultivate their very own garden experience by planting a wildlife garden. The ecological lesson focuses on structure and function of plants, the nutrient cycle, pollination, and wildlife habitat. Plants and seeds will be provided. (Also available as a field-trip)

## The Monterey Bay Salmon and Trout Project Davenport

<http://www.salmontrouteducationprogram.com/index.html>

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### Salmon and Trout Education Program (STEP)

<https://mbstp.org/step/education-program/>

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

In early February each year the STEP team trains new teachers to present the curriculum to their students. The two-day weekend workshop has one day in the field and in the creek studying the salmon habitat. After taking the training the teachers are qualified to apply to MBSTP for eggs to incubate. The incubation experience has had a very high success rate over the 35-year history. Not only are the kids inspired, but greater than 95% of the eggs hatch and the resulting fry are successfully released into their native habitat.

## Tilden Nature Area-Tilden Regional Park Berkeley

<http://www.ebparks.org>

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Naturalist visit to your classroom!

[https://www.ebparks.org/activities/educators/field\\_trips/trips/default.htm](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;PK;TK

Can't make it to the park? We'll come to you! Program topics include: reptiles, spiders, Native American Lifestyles and more!

## Web of Life Field (WOLF) School

Aptos

<http://www.wolfschool.org/>

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### 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.

## Wildcare

San Rafael

<http://www.wildcarebayarea.org>

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### Nature Van-Mammals

<https://www.discoverwildcare.org/programs/nature-van/>

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

Nature Van programs bring the field trip to the classroom. Guided by professional science educators, the Nature Van teaches students about animal characteristics, adaptations, and food webs — all without leaving school. Presentations are designed for a single classroom; this is not a multi-class assembly program. Pre-K and Kindergarten programs last 45 minutes. Programs for 1st through 5th grades last sixty minutes, although shorter presentations are available upon request. Delve into the world of marsupials, mustelids, felines, canines, and rodents. Discover what makes a mammal a mammal and why humans are included in this amazing group.

### Nature Van - California Wildlife

<https://www.discoverwildcare.org/programs/nature-van/>

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

In "California Wildlife," uncover the diversity of California's wildlife and the way our native animals have adapted to their habitat as we examine predator-prey relationships, defense strategies and the natural history of mammal, birds, and reptiles that are our wild neighbors. Nature Van programs bring the field trip to the classroom. Guided by professional science educators, the Nature Van teaches students about animal characteristics, adaptations, and food webs — all without leaving school.

Presentations are designed for a single classroom; this is not a multi-class assembly program. Pre-K and Kindergarten programs last 45 minutes. Programs for 1st through 5th grades last sixty minutes, although shorter presentations are available upon request.

## Program Type: Overnight Program

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### California Academy of Sciences

San Francisco

<http://www.calacademy.org>

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### Penguins + Pajamas

<http://www.calacademy.org/penguinspajamas-sleepovers>

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

Get ready for the wildest sleepover ever! Tickets sell out quickly, so book your Penguins+Pajamas experience today. Listen to the evening songs of the rainforest birds, sing “twinkle twinkle” to a sea star at the Discovery Tidepool, and head on over to Tusher African Hall to see how penguins get ready for bed. Become a stargazing guru during an after-hours Planetarium show, then settle in for story time while snacking on cookies and milk. Roll out your sleeping bag near your favorite exhibit or creature: in front of schools of beautiful Philippine reef fish, next to the swaying kelp of our California Coast tank, or face-to-face with the albino alligator known as Claude. In the morning, rise and shine with a continental breakfast at the Academy Café.

## Camp Ocean Pines Cambria

<http://www.campoceanpines.org/>

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### 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.

## Hostelling International San Francisco

<http://www.norcalhostels.org/adProgram.html>

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### Hostel Adventure Overnight Program

<http://norcalhostels.org/hostel-adventures/outdoor/curriculum/>

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

Imagine a program that introduces inner-city youth to the excitement and wonder of the natural world. Wildlife, tidepools, hiking trails, native plants and star-filled skies are all part of the adventure. The program supplements and enhances school curricula by tailoring activities to teacher and student needs. Program activities emphasize: environmental education, interpersonal skill development, intercultural understanding. A great location for wetland and ocean hikes. Available at Point Reyes, Marin Headlands, Point Montara Lighthouse. Prices include educational programs and curriculum materials. For accommodation rates, please visit the hostel website for your chosen location.

Supply your own sleeping bags and food. Check in is at 4:30 PM, Check out is 11 AM. Prices include educational programs and curriculum materials, as well as overnight accommodations, including use of kitchen and dining facilities. Groups are responsible for supplying groceries and preparing meals, and for arranging transportation to the hostel. Cancellations: See website for details.

## NatureBridge at Yosemite Yosemite

<http://www.naturebridge.org/school-group-field-science-yosemite>

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### 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.

## Oakland Zoo

Oakland

<http://www.oaklandzoo.org>

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### School Overnights

[http://www.oaklandzoo.org/Overnight\\_School\\_Groups.php](http://www.oaklandzoo.org/Overnight_School_Groups.php)

**Grade Levels:** 1st;2nd;3rd;4th;5th;6th

The adventure begins as your class explores the Zoo in a private evening tour. Afterwards, head inside to enjoy snacks and participate in a fun (and educational) activity. Your tour and activities are based on your chosen theme. Next, meet one of our education animals up close and then head down to our auditorium and turn in for the night. Wake up in the morning, pack up, enjoy a tasty continental breakfast and head back into the Zoo to see the animals as they start their day!

Age Requirements: For children ages 6-12.

Program Time: 6:00pm or 7:00pm (depending on program) to 10:00am the following morning.

Program Dates: These overnights are offered in the spring or fall by reservation.

Program Fee: \$50.00 per adult - \$50.00 per child. All adults and children must register.

Group Size Limits: Minimum 15 / Maximum 100.

Adult/Child Ratios: 1 adult chaperone is required for every 10 children.

## Web of Life Field (WOLF) School

Aptos

<http://www.wolfschool.org/>

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### Residential Outdoor Science School

<https://www.wolfschool.org/outdoor-science-school>

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

The ecological concepts covered-- energy, life cycles, adaptations, communities, diversity, change, and interdependence-- give students a framework for exploring the natural world. Students learn by participating in hands-on field study sessions, keeping journals, attending theme meetings, campfires to share songs, skits and stories, night hikes, and town hall meetings which reinforce the feeling of community. Campuses in Santa Cruz, Sierra Foothill, and Sonoma areas. 2-5 day programs available.

## Program Type: Temporary Exhibit

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## Bay Area Discovery Museum

Sausalito

<http://www.baykidsmuseum.org/>

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### Dinosaurs: Land of Fire and Ice

<http://bayareadiscoverymuseum.org/exhibits/>

**Grade Levels:** K;1st;2nd;3rd;PK;TK

(May 25 – September 2, 2019) Travel back in time and bring dinosaurs to life for your child as you explore unfamiliar landscapes, don a dinosaur costume, and uncover clues about what these creatures left behind. In two different habitats and a field research station, explore what it was like during the Age of the Dinosaurs:

\* In the Land of Fire, touch and climb replicas of a Tyrannosaurus rex and Triceratops, crawl under a smoldering volcano, and feel what it was like to walk on the squishy forest floor.

\* In the Land of Ice, snap an unforgettable picture of your child with an Edmontosaurus dinosaur and visit the icy slide and cave.

\* In the Field Research Station, kids can unearth fossils in a big dig and create their own fossil rubbings.

## Oakland Museum of California

Oakland

<http://www.museumca.org>

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## Take Root: Oakland Grows Food

<http://museumca.org/exhibit/take-root-oakland-grows-food>

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

(Through November 2019) Enjoy this hands-on exhibition with the entire family to understand what factors determine where, how, why, and what is grown throughout the city. Hear personal stories from farmers and growers within the community, see compelling illustrations and maps, and meet the diverse flavors of Oakland. Learn what motivations Oaklanders have for growing food—including access to healthy and delicious ingredients, environmental and social justice values, or simply the joy of tending a garden.