



CRS

COMMUNITY RESOURCES FOR SCIENCE
practical support for great science teaching

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Education Programs

1st Grade - Structure, Function, Information Processing

Program Type: Assembly

Classroom Safari
Petaluma

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

VIP Safari

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

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

Send your students home excited about learning conservation & animals from around the world! This is a great program that can be altered for any age group. Includes all "VIP" animals like our SLOTHS plus standard animals like our SERVAL, FENNEC FOX, ALLIGATOR, SNAKE, and more! You can expect 6-8 animals and the program to last anywhere from 45 minutes to 1.15 hours depending on the age & # of students. This is our most popular and talked about program!

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.

Dairy Council of California
Oakland

<http://www.dairycouncilofca.org>

Mobile Dairy Classroom

<http://www.dairycouncilofca.org/Educators/MobileDairy/>

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

K-3 students learn new vocabulary, life cycles and anatomy concepts, and follow milk from cow to container. Grade 4-6 students discover the ruminant digestive system, lactation cycle, agriculture technology, and trace milk through processing. Both lessons include agriculture's contribution to the food supply, the nutritional value of dairy products, and how they compliment other foods to create a healthy diet. Can pet the calf at end of the session. Schools are scheduled on a 5 year cycle, prioritizing districts whose schools have not been visited as recently. They try to go to schools with 350 or more students and tend to visit any given school every five years or so. It doesn't hurt to call to see if they will be in the area and can add your school to the list.

Earth Adventure
Circle Pines

http://www.earthadventure.org/Earth_Balloon.cfm

Earth Balloon School Assembly Program

http://www.earthadventure.org/Earth_Balloon.cfm

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

The Earth Balloon program is most often used in elementary and middle schools as a school assembly program. Grade level appropriate content is taught that includes specific learning objectives and matches to many earth science and geography education standards. Programs include content presentation, interactive question and answers, inquiry based learning, demonstration and activity.

Grade K: Our Amazing Earth - animals and their environments

Grade 1: Hello Meet the Earth - an introduction to the planet

Grade 2: Earth Explorations - continents and oceans

Grade 3: Rain or Shine - precipitation, temperature, and patterns

Grade 4: Biomes and Ecosystems - rain forests, deserts, and more

Grade 5: The Fractured Earth - a look at plate tectonics

Grade 6: The Ever Changing Earth - processes that shape and form the planet

East Bay Regional Park District Oakland

<http://www.ebparks.org>

Mobile Fish Exhibit

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.

WildMind Science Learning Pacifica

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

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.

Program Type: Field Trip

Ardenwood Historic Farm Fremont

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

Station Programs

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

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

Children move between the activity stations which may consist of grinding and shelling corn, hay bale hoisting, tending the vegetable garden, rope-making, games on the lawn, and visiting the farm animals. Horse-drawn rides are included, and some Patterson house tours will be available. A list of the day's activities will be posted on arrival.

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.

Farm Animals/Farm Chores

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

Grade Levels: K;1st

Focus on farms and farm animals with hands-on activities including processing feed, animal feeding, tending crops and gardens. Program is 45 minutes long.

Big Break Regional Shoreline

Oakley

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

U-Pick Nature Program

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

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

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

Delta Variety

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'll set up a variety of stations with a variety of opportunities to explore the unending variety of the Delta. Plants, animals, crafts, games, and other activities all guaranteed to make Delta experts out of your large groups.

California Academy of Sciences

San Francisco

<http://www.calacademy.org>

Self Guided Field Trips

http://www.calacademy.org/teachers/plan_a_visit.php#option2

Grade Levels: K;1st;2nd

The majority of the Academy's exhibits and programs will be available from September-May, including the Rainforest, Aquarium, African Hall, Earthquake, and Human Odyssey. However, you may want to plan your visit around temporary exhibits or the Planetarium show schedule.

Chabot Space and Science Center

Oakland

<http://www.chabotspace.org>

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.

Clayton Valley Pumpkin Farm Clayton

<http://www.cvpumpkinfarm.com>

Spring Science Program

<http://www.cvpumpkinfarm.com/spring-science-program>

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

Science is especially prevalent at the Clayton Valley Pumpkin Farm and Christmas Trees during our Spring Science Program (April 8th - May 8th 2019) for school groups. The natural farm setting is ideal for children to explore and experience "Ag in the Classroom" to compliment your curriculum. Students see, touch, smell and hear science at our three learning stations where they discover new facts in the areas of Physical, Earth, and Life Sciences. Every student gets to take home a sunflower seed in a peat pot. And don't forget the most fun time of all, students and parents get to ride on the Pumpkin Farm Express. 90 minutes.

October Pumpkin Tours

<http://www.cvpumpkinfarm.com/october-field-trips2#/id/i10301623>

Grade Levels: K;1st;2nd

The first portion of our tour is seated on bales of straw where the tour guide educates students on pumpkin varieties, corn, gourds and the pumpkin lifecycle. The second portion of the tour is walking through the garden where students see plants in various growth stages including pumpkins, bottle gourds, sunflowers, corn, luffa sponges and more. The "Corn Room" is a place where students learn about the uses of corn and see the evolution of how corn is processed and even get to use an old-fashioned corn grinder! Each child gets an opportunity to milk a "cow" and learn about how milk gets processed. And of course, the tour is not complete without a visit to see our animals. The tour concludes with each child picking a child-size pumpkin of their very own to take home. approximately 1 hour. October 1st-31st

Conservatory of Flowers San Francisco

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

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.

Coyote Hills Regional Park Fremont

<http://www.ebparks.org>

Station Day

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

Your students will explore the park's resources through a variety of stations, which can highlight either the cultural or ecological significance of Coyote Hills – you decide!

Crab Cove Marine Reserve

Alameda

http://www.ebparks.org/parks/vc/crab_cove

Cove Days (Fall and Spring)

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.

Creatures of the Bay

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.

Nature Walks in the Regional Parks

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

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

Use the parklands as your classroom! Programs are available at the following East Bay Regional Parks: Redwood, Roberts, Lake Chabot, Anthony Chabot, Huckleberry Botanic Preserve, Sibley Volcanic Preserve, Temescal, Arrowhead Marsh at MLK Jr. Shoreline, and Oyster Bay. Lake Chabot boat tours aboard the “Chabot Queen” may be available; separate fee applies for boat rental.

Redwood Forest Rendezvous (multi-class option)

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

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

Experience the magic of the forest. Designed to accommodate multiple classes, this program will rotate students through a variety of forest themed activities including a nature walk, forest food web, tree and climate study. Note: This two hour program can accommodate up to 120 kids.

CuriOdyssey

San Mateo

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

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.

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

Plant Power

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

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

Plants gather food, battle predators, and find a mate- all while rooted in place. Explore the fascinating world of plants, soil, sunlight, and seeds in the Museum's beautiful gardens. FOSS Links: Trees, Wood and Paper, Plants and Animals, Insects and Plants. 50 minutes

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.

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.

Fur, Feathers, Scales, or Exoskeletons - Field Trip

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

Grade Levels: K;1st;2nd

Explore the basic coverings of mammals, birds, reptiles, and arthropods. Students can touch and talk about similarities, differences, and functions of each type of covering, plus see some wonderful live examples of animals that are covered in fur, feathers, scales, or exoskeletons. Animal Ambassadors vary and may include: Rabbit, rat, bird, snake, blue-tongued skink, tarantula, cockroach, and millipede. FOSS Links: Animals Two by Two, Plants and Animals, Insects and Plants. Also available as an in-class program.

Interesting Invertebrates

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

Grade Levels: K;1st;2nd

What's the difference between an insect,"bug" and spider? Study their unique characteristics and get a magnified look at a living invertebrate as well as some biofacts. Join us to get a closer look at some crawling critters - they may be spineless, but they have character! Animal Ambassadors vary and may include: Cockroach, banana slug, millipede, and tarantula. FOSS Links: Animals Two by Two, Plants and Animals, Insects and Plants. 50 minutes

Environmental Discovery Center of Sonoma County
Santa Rosa

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

Tolay Fall Festival

<https://parks.sonomacounty.ca.gov/Learn/Field-Trips/>

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

Hay rides with a ranger, Native American Village, Farm animals, Nature hikes, Old-fashioned games, Night creatures barn, Giant pumpkin patch. Held at Tolay Lake Regional Park in Petaluma.

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.

Healthy Earth, Healthy Bodies

<https://parks.sonomacounty.ca.gov/Learn/Field-Trips/>

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

Take a field trip to a farm! This program combines the best in science education while making the connection between protecting natural resources and growing healthy bodies. Students will learn the benefits of eating healthy foods, take a rigorous hike, tour the farm, and work in the garden. Reinforces grade-level state science standards in life science and health. Held at Tolay Lake Regional Park in Petaluma.

Exploratorium

San Francisco

<http://www.exploratorium.edu>

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>

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.

Fort Point National Historic Site

San Francisco

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

Sensible Habitats

<http://www.nps.gov/fopo/forteachers/index.htm>

Grade Levels: K;1st

Ever kiss a banana slug? From hillside to bayside, the environment around Fort Point National Historic Site displays an intriguing diversity of plant and animal life. Applying the senses, students engage in activities that help them develop an appreciation for terrestrial and aquatic habitats. They observe, describe, compare, and experience the wildlife to be found, from songbirds to rock crabs and all the little creatures in between.

Friends of the Regional Parks Botanic Garden Berkeley

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

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.

Garin/Dry Creek Pioneer Regional Parks Hayward

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

Grounds & Visitor's Center Tours, Special Events

<http://www.ebparks.org/parks/garin#activities>

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

Look around you and you will find two magnificent parkland areas-Garin and Dry Creek Pioneer regional parks. Guided interpretive programs for this area are coordinated through the Coyote Hills Regional Park Visitor Center in Fremont. For information, phone (510) 544-3220.

GARIN BARN VISITOR CENTER displays artifacts from the ranching and farming history of the Hayward area. There is a blacksmith shop, a tool shop and several ranching-related displays to explore. An interesting collection of antique farm machinery outside the barn augments the display.

Golden Gate National Parks Conservancy San Francisco

<http://www.parksconservancy.org/our-work/crissy/>

Flyin' High

<http://www.parksconservancy.org/learn/educators/field-trips/>

Grade Levels: K;1st

Your students will learn that all living things need a viable habitat as they become scientists and exercise their observational skills to collect data on how shorebirds use Crissy Field. Through hands-on activities in the Center's Urban Ecology Lab and Arts Workshop, students learn what birds and children need in a healthy habitat and how human activity can impact those habitats.

Happy Hollow Park & Zoo San Jose

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

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

Joan's Farm & Pumpkin Patch

Livermore

<http://www.joansfarm.com>

Tour 1 "The Life Cycle of a Pumpkin"

<http://www.joansfarm.com>

Grade Levels: K;1st

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. The Tour 1 is usually for the preschool to kindergarten age groups which is \$7.00 per child -- this includes feed for the animals, a storrytime/sing along and talking about the animals, as well as their pumpkin from the children's patch.

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://www.lawrencehallofscience.org)

Insects in Action Workshop

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

Grade Levels: 1st;2nd

Insects are everywhere. Meet some of these amazing creatures alive and up close. See the stages of beetle metamorphosis, learn the difference between a male and female cricket, and listen for the hiss of an exotic cockroach. Topics: Insect Body Structure, Adaptations, Life Cycle, Behavior.

Self-Guided Visit

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

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

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

Legion of Honor

San Francisco

<http://legionofhonor.famsf.org/>

Exploring the Highlands of New Guinea

<http://highlands.famsf.org/>

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

Explore the Highlands through a innovative collaborative program developed by the de Young Museum, the Conservatory of Flowers, and the California Academy of Sciences! This new program offers innovative and interactive experiences for students that integrate art, science, and language arts in support of state curriculum standards. Explore the Highlands through guided or self guided tours of the Jolika Collection of New Guinea Art at the de Young Museum and the Highland Tropics orchid collection at the Conservatory of Flowers; or through classroom resources for teachers and students, including full-color field guides, podcasts and image library available on the Exploring the Highlands webpage. To learn more visit highlands.famsf.org.

Life Lab Science Program

Santa Cruz

<http://www.lifelab.org>

Fall - Farm to Fork

<http://www.lifelab.org/for-educators/fieldtrips/>

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

For 1st grade through middle school students. This program helps students to make the important connection between farms and the food on their dinner table. All participating teachers will receive pre- and post-visit lessons related to our local food system.

Farm to Fork Field Trips include:

Hands-on Exploration of the 25-acre UCSC Farm

- explore a organic flower and vegetable farm

- harvest and sample the six plant parts—roots, stems, leaves, flowers, fruits & seeds

- participate in apple investigations and tastings in the orchard

- gain an appreciation for the different varieties & uses of corn

Activities in the Garden Classroom

- harvest celebration, where students make and taste corn tortillas & apple cider

- visiting chickens, honey bees, composting worms, and other garden learning sites

Field Trips are available Monday, Tuesday, Thursday, & Friday Early September through early November. Field trips begin at 10 a.m. and end at 1:15 p.m.

Pondering Plants - Spring

<http://www.lifelab.org/for-educators/fieldtrips/>

Grade Levels: 1st

Come to the garden to learn about plants and how they get what they need from their environment. Students will explore the garden and discover different types of roots and leaves and learn how they help the plant grow and survive.

All programs include:

- garden-based science exploration stations

- a hands-on exploration of the UCSC Farm

- visiting with our chickens and observational bee hive

Lindsay Wildlife Experience

Walnut Creek

<http://lindsaywildlife.org/>

Animal Characteristics

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

Grade Levels: 1st

Animals and plants use their external parts to survive, grow and meet their needs. Let's explore the structure and function of organisms' parts! We'll touch specimens such as a tortoise shell, animal fur, and bird feathers. Plus, we'll explore outside for evidence of animal and plant survival.

Loma Vista Farm & Garden
Vallejo

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

Loma Vista Farm Visit

http://www.lomavistafarm.org/index.php?option=com_content&view=article&id=53&Itemid=30

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

Students go to the farm and learn about life on the farm through lessons that correspond with California State Education Standards. The children are encouraged to observe similarities and differences in the animals and use their senses such as touch and hearing. The Farm offers a great variety of plant and animal life that creates a dynamic learning environment. The educational goal of Loma Vista Farm is for students to learn about animals and plants in ways that meet the California State Standards. The Farm provides the opportunity to fulfill the educational goals of Life Science Standards and enhances math and language arts standards. Please come prepared to do hands-on lessons that your students will find meaningful and memorable. The Farm is your tool to bring learning to life. Doing a short activity in the morning and going to the farm in the afternoon is encouraged. Special program suggestions for VCUSD schools.

Marina Education Programs - City of Berkeley
Berkeley

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

Low Tide Programs

<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

When the children arrive for their three hour Low Tide program, they meet in the Nature Center for a 40 minute interactive multimedia presentation, to review and learn about the marine inhabitants along the Berkeley waterfront. They observe the aquariums, the touch table and then depending on the tide, they explore the rocky shore, return for a break, and then explore the dock. Cost for three hours and packet materials is \$194. 9:30a.m.-12:30p.m. programs. 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.

Animal Programs - Marine Mammals

<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

Stations: sound, conservation, feeding and blubber. 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. Wksp Dec 16, class dates Jan 14, 15, 16, 21, 22, 23.

Marshall's Farm
American Canyon

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

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.

Math Science Nucleus
Fremont
<http://www.ms-nucleus.org>

Self-Guided Tour of Children's Natural History Museum

<http://www.ms-nucleus.org/classes/field-nucleus.htm>

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

Explore a world of fossils from long ago including those from the Paleozoic, Mesozoic, and Cenozoic. Walk to more modern times with fossils of mammoths, sabertooth cats, sloths, camels, and other large mammals. Discover modern day animals through their bones. Visit the Boy Paleontologist room to see how they discovered the fossils in Fremont in the 1940's. View the Minerals and Rocks, Hall of Small Wonders and Tools of Early Humans. Hands-on activities for small groups are located throughout the museum.

Monterey Bay Aquarium
Monterey

<http://www.mbayaq.org>

Ocean Explorers - Wiggly-Jiggly Jellies!

http://www.montereybayaquarium.org/lc/teachers_place/fieldtrip_choice.aspx#oe_seastars

Grade Levels: K;1st;2nd

Spending their lives drifting through the ocean, jellies are very unusual animals. Lacking a brain, heart or spine; how do they survive? Join an Aquarium educator for this auditorium program and learn more about these captivating animals. During this 25-minute introduction, students will be introduced to jellies and hear insiders stories about jellies at the Aquarium.

Monterey Marine Sanctuary Exploration Center
Santa Cruz

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

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>

Self Guided Tours

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

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

ZooSchool Explorer's Club

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

Old Borges Ranch

Walnut Creek

http://www.walnut-creek.org/about/visiting_us/borges_ranch.asp

Old Borges Ranch Tour

http://www.walnut-creek.org/about/visiting_us/borges_ranch.asp

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

Historic working cattle ranch on 2500 acres. Kids get to see sheep, chickens, turkeys, geese, and rabbits. Kids also get to see a blacksmith shop, try an old-fashioned water pump, and check out the lake.

Pacific Grove Museum Monarch Sanctuary

Pacific Grove

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

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 overwintering 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.

Palo Alto Baylands

Palo Alto

<http://www.city.palo-alto.ca.us/community-services/pk-baylands.html>

Discover the Amazing Lives of Baylands' Birds

<http://www.cityofpaloalto.org/gov/depts/csd/parks/preserves/baylands.asp>

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

Capture bird life on the move in the salt marsh with binoculars, get up close and intimate with tactile activities, and pull it all together with a power point presentation.

Point Bonita YMCA

Sausalito

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

Hands on Service & Science Learning: Habitat Restoration

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!

Hands on Service & Science Learning: Pacific Mole Crab Monitoring

<http://www.oceanfutures.org/learning/ambassadors-environment/locations/ymca-point-bonita-marin-headlands-california/activities>

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

Affordable field trips to the Marin Headlands, just north of the Golden Gate Bridge, bring science and community service to life! Curriculum packets provide pre and post-trip classroom learning for integration into your science curriculum. Pacific Mole Crab Monitoring: Students get their hands wet and sandy looking for sand crabs with specially designed equipment. Using their field observation and data collection skills, students use an established protocol to ID and survey the distribution and abundance of sand crabs on our local beach.

Point Reyes National Seashore

Point Reyes Station

<http://www.nps.gov/pore/forteachers/index.htm>

Morgan Horse Ranch

<http://www.nps.gov/pore/planyourvisit/outdoorselfguidingactivities.htm>

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

This working horse ranch for horses used by National Park Rangers in wilderness areas and for backcountry patrol has trailside exhibits focusing on the characteristics, breeding and history of Morgan horses. The Morgan horse is the first American breed of horse. Self-guided exhibits, corrals and demonstrations are a part of the ongoing interpretive program of the ranch. Allow 20-30 minutes to tour the Horse Ranch. Park at the south end of the Bear Valley Visitor Center parking lot and follow the signs from the Bear Valley Trailhead up a small hill. 0.5 mile round-trip walk. Some buildings open for public entry. Handicapped parking area available at ranch.

Randall Museum

San Francisco

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

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

Green and Growing

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

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

Students learn that every object they use in daily life is either a plant or is produced from plants. Green and Growing encourages students to understand their own roles in ecological systems including being consumers, producers and good stewards of our environment.

Wild in the City

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

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

For children, it is exciting to realize that wild animals live around their urban/suburban houses and yards. This phenomenon is accurately and attractively portrayed in Thornhill's dramatic double-page spreads shown from the creatures' points of view.

Whether depicting a soaring kestrel or a squatting toad, the drawings and informative, lively text flow smoothly to connect one event to the next.

SF Botanical Garden & Strybing Arboretum

San Francisco

<http://www.strybing.org>

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 - First Look at Plants

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

Grade Levels: K;1st

Experience the variety of plant colors, shapes, and textures. Learn about the basic parts of plants and their functions. 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>

Close Encounters - The Wild City

<http://www.sfzoo.org>

Grade Levels: K;1st

There is nothing quite as memorable to a child as touching the sleek scales of a snake or petting the soft fur of a chinchilla. Close Encounters offer an up-close, hands-on experience with animals in the Zoo Classroom. These programs, designed to complement your science curriculum, draw students into the wonders of nature while educating them about the animals who share their world.

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.

Close Encounters: How Animals Grow

<http://www.sfzoo.org>

Grade Levels: 1st;2nd

This lesson will explore the unique and amazing ways that different types of animals grow from young to adult. Some hatch from eggs while others are born live. Some change form completely while others become larger versions of their baby selves.

Seymour Marine Discovery Center

Santa Cruz

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

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

Sienna Ranch

Lafayette

<http://www.siennaranch.net/>

Farm Animal Interaction

http://www.siennaranch.net/Day_Trips_for_Groups.html

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

A program which allows children to have an opportunity to experience close interaction with Sienna Ranch's many animals including chickens, ducks, goats, rabbits, and horses, led by one of Sienna Ranch's staff members. Children will hold bunnies, collect eggs, feed goats, and groom Sugar, the pony. They will also have an opportunity to card wool from our sheep and complete a craft made with wool. minimum 6, maximum 36 students. Field Trips are offered on Monday and Wednesday afternoons, Thursday mornings, and weekends.

Stepping Out Stepping In

Oakland

<http://www.steppingoutsteppingin.org>

Bay Discovery!

<http://www.steppingoutsteppingin.org/bay-discovery-k-1st-grade.html>

Grade Levels: K;1st

Pre-Trip Visit: Your program will start with a puppet show in your classroom! With our portable puppet theater we will entertain your students as they learn about the many creatures that make the Bay their habitat.

Field Trip to Middle Harbor Shoreline Park: Discover the wild animals and plants who call the San Francisco Bay Estuary home. Students will engage in hands on activities, such as collecting mud, holding a baby crab and exploration along the shoreline, while learning how this habitat is connected to their lives.

Sulphur Creek Nature Center
Hayward

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

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.

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.

Walk With the Animals

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

Grade Levels: K;1st;2nd

Take a walk on the wild side and come face to face with mammals, birds, reptiles, and amphibians. Touch their fur, feathers, scales and skin while getting a rare close up look at their similarities and differences. Learn how these animals move, find food and escape from enemies.

Minibeast Safari

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

Grade Levels: K;1st;2nd

Encounter the smaller side of life: Insects, spiders, worms, slugs, and millipedes. Learn where they live, what they eat, and why they are an integral part of the animal world. Collect your own mini-beasts for study and discussion. (1 hr program held March through June only)

Sunol-Ohlone Regional Wilderness

Sunol

<http://www.ebparks.org>

U-Pick Nature Program: In Park or Class

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/>

Sensory Garden

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

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

Through this sensory exploration of the garden we'll investigate how the smells, shapes, textures and colors of plants help them to survive. Classes will receive a plant to take back to school. 30 minutes

Healthy People, Healthy Planet Field Trip

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

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

Students learn about health, nutrition and the environment. By understanding the benefits of developing healthy and sustainable eating habits, students will acquire the knowledge that they are in control of their own impact on the planet. Also available as 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

Nature Detectives

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

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

We'll awaken our senses and sharpen our observation skills to become super sleuths. As we explore the pond and follow clues like tracks and scat, we'll learn about the plants and animals that share our urban habitat. 1 hour

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

Wonderful Worms Field Trip

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

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

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

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/>

Comparing Mammals: Land and Sea

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

Grade Levels: K;1st

Classroom Program - Using stories, puppets and dress-up; students learn what it is like to be a sea otter, dolphin, whale, seal and sea lion. With real marine mammal specimens students will be able to feel fur and baleen. Stories about past patients show students that human actions can both harm and help marine mammals. Students will leave knowing how they can help ocean life and keep our oceans clean.

Ocean Explorers

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

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

Tour - From fish milkshakes to ocean trash, students learn about our current patients and how to help their ocean environment. Stories of our current patients, simulated tube feeding and rescue demonstrations bring the Center's animal care functions to life. Touching the furs and skulls, allows students to learn the differences between seals and sea lions. Seeing and hearing our animals, evokes compassion in the students. From this, we give them ways they can help with ocean environment.

The Tech Interactive

San Jose

<http://www.thetech.org>

IMAX Film: Island of the Lemurs: Madagascar

<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.

Join us on a spectacular journey to the remote and wondrous world of Madagascar for the incredible true story of nature's greatest explorers—lemurs. Lemurs arrived in Madagascar as castaways millions of years ago and evolved into hundreds of diverse species but are now highly endangered. Follow trailblazing scientist Dr. Patricia Wright on her lifelong mission to help these strange and adorable creatures survive in the modern world. Narrated by Morgan Freeman

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.ebparcs.org>

Farm Tour (Year round)

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

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

Meet the animals at the Tilden Little Farm, and learn the importance of agriculture in our daily lives.

Tailored Naturalist Program: Habitats

https://www.ebparcs.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.

Pond Study (March-Oct.)

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

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)

Nature Ramble (Year round):

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

An exploration of the Nature Area's flora and fauna —anything can happen! This walk easily accommodates a topic of your choice. 60-90 minutes

UC Botanical Garden

Berkeley

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

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.

Awaken Your Senses in the Garden

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

Grade Levels: K;1st;2nd

Use all five senses to explore plants from around the world. Touch, look, listen, smell, and taste as you learn about roots, leaves, flowers, fruit, seeds, and the life cycles of diverse and amazing plants.

Discovering Flowers and Plants (Primary)

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

Grade Levels: K;1st;2nd

Investigate an amazing variety of plants and flowers from around the world as you explore the Garden's paths. Why are there so many different kinds of plants? What are their flowers for? Learn the answers to these questions and so much more.

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>

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.

Program Type: In-Class Program

Aquarium of the Bay
San Francisco

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

BayMobile: Our Future's So Bright

<https://www.aquariumofthebay.org/teachers/k-12-programs/>

Grade Levels: K;1st

Students will observe how humans have affected the balance of natural cycles on Earth, and then explore through play how new innovations, such as solar power and other alternative energy options, give us all the opportunity to return balance to our environment.

Duration: 60 minutes per class

Class size: 15 to 35 students

Number of classes per school visit: 3-4 (please note all classes on a given date must select the same program)

CA Dept of Fish and Wildlife, Sacramento Region
Sacramento

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

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>

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!

Classroom Safari

Petaluma

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

Sensory Safari or Jungle Touch

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

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

A total hands-on Safari adventure for participants with little or no vision. Special programs also available for special education classes or groups with learning disabilities. A safari experience designed for children up to 5 years old with a focus of hands on. Children may experience small animals such as a Chinchilla, Rabbit, Tortoise, a baby alligator, Savannah Cat, little Lizards and small slithery SSSSSnakes.

VIP Safari

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

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

Send your students home excited about learning conservation & animals from around the world! This is a great program that can be altered for any age group. Includes all "VIP" animals like our SLOTHS plus standard animals like our SERVAL, FENNEC FOX, ALLIGATOR, SNAKE, and more! You can expect 6-8 animals and the program to last anywhere from 45 minutes to 1.15 hours depending on the age & # of students. This is our most popular and talked about program!

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

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.

Crab Cove Marine Reserve

Alameda

http://www.ebparks.org/parks/vc/crab_cove

Naturalist in the Classroom (Fall only)

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

If you can't come to Crab Cove, a naturalist can visit you! Crab Cove programs bring the Bay or hill parks wildlife and plants to life; Naturalists can tailor the theme to fit your needs. Available in Alameda, Oakland, San Leandro areas.

CuriOdyssey

San Mateo

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

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.

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.

Fur, Feathers, Scales, or Exoskeletons - In-Class

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

Grade Levels: K;1st;2nd

Explore the basic coverings of mammals, birds, reptiles, and arthropods. Students can touch and talk about similarities, differences, and functions of each type of covering, plus see some wonderful live examples of animals that are covered in fur, feathers, scales, or exoskeletons.

Live animals vary and may include: Rabbit, rat, bird, snake, blue-tongued skink, tarantula, cockroach, and millipede. 50 minutes. Also available as a field trip.

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>

Trout in the Classroom

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>

Mobile Visitor Center

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>

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.

Lawrence Hall of Science
Berkeley
[lawrencehallofscience.org](http://www.lawrencehallofscience.org)

Insects in Action Workshop @ School Site

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

Grade Levels: K;1st;2nd

Insects are everywhere. Meet some of these amazing creatures alive and up close. See the stages of beetle metamorphosis, learn the difference between a male and female cricket, and listen for the hiss of an exotic cockroach. Topics: Insect Body Structure, Adaptations, Life Cycle, Behavior.

Lindsay Wildlife Experience
Walnut Creek
<http://lindsaywildlife.org/>

Animal Homes

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

Grade Levels: K;1st;2nd

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.

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.

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.

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.

Mad Science - Mt. Diablo

Concord

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

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.

Incredible Human Machine

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

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

Explore the mysteries of the human body. See what happens when you breathe. Take home a working model of our lung!

Bugs

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

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

Learn the difference between a bug and an insect. How do insects defend themselves? What is their role in the ecosystem? What does the world look like to a bug? Answer these questions and more.

Madeleine Dunphy

Oakland

<http://www.mdunphy.com>

Here Is the Coral Reef Assembly

<http://www.mdunphy.com/teachers.html>

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

Environmental children's book author, Madeleine Dunphy, will guide your classes through the Great Barrier Reef. In the presentation, students will view a slide show where they imagine they are swimming in the Great Barrier Reef seeing animals such as the sea turtle, parrotfish, shark and wrasse. Students will then play a game that teaches them about the ecological relationships between plants, animals and environments. Finally, students will ask Madeleine questions about her travels, habits of coral reef animals, writing Here Is the Coral Reef, and other topics. Teachers are recommended to read the book as background and have their students prepare questions before the class visit. Available as in-class presentation or assembly.

Here Is the African Savanna Assembly

<http://www.mdunphy.com/teachers.html>

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

Environmental children's book author, Madeleine Dunphy, will guide your classes through the African Savanna. In the presentation, students will view a slide show where they imagine they are traveling in East Africa seeing animals such as the giraffe, baboon, leopard and zebra. Students will then play a game that teaches them about the ecological relationships between plants, animals and environments. Next the students will examine a warrior shield, beaded collar, lunch basket and other artifacts from East Africa. Finally, students will ask Madeleine questions about her travels, habits of African animals, writing Here Is the African Savanna, and other topics. Teachers are recommended to read the book as background and have their students prepare questions before the class visit. Also available as an assembly.

Here Is the Tropical Rainforest Assembly

<http://www.mdunphy.com/teachers.html>

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

Environmental children's book author, Madeleine Dunphy, will guide your classes through the rainforest. In the presentation, students will view a slide show where they imagine they are walking in a tropical rainforest seeing animals such as the harpy eagle, three-toed sloth, woolly monkey and jaguar. Students will then play a game that teaches them about the ecological relationships between plants, animals, and environments. Next the students will examine a blow gun, hammock, paddle and other artifacts from the rainforest. Finally, students will ask Madeleine questions about her travels, habits of rainforest animals, writing Here Is the Tropical Rain Forest, and other topics. Teachers are recommended to read the book as background and have their students prepare questions before the class visit. Also available as an assembly.

Marine Science Institute Redwood City

<http://www.sfbaymsi.org>

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.

Inland Voyages-Bay Fish

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

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

Two stations: Sharks and Bony Fish. Students will analyze the feeding habits, adaptations, locomotion, and predator/prey relationships of leopard sharks, halibut, perch, gobies, and other fish species through hands-on discovery. Students are introduced to their estuarine neighbors; more advanced groups study classification, anatomy, and physiology. Program topics can be tailored to your group. An Educator's Guide is provided.

Mount Diablo Beekeepers Association Pleasant Hill

<http://diablobees.org/>

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.

Muir Woods National Monument

Mill Valley

<http://www.nps.gov/goga/education/>

Discovery Kits

<http://www.nps.gov/goga/education/>

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

Oakland Zoo

Oakland

<http://www.oaklandzoo.org>

School ZooMobile - "Ooh, That Smells So Good On My Tongue!" - Animal Senses & Body Parts

http://www.oaklandzoo.org/ZooMobile_Community.php

Grade Levels: K;1st;PK;TK

Did you hear that? What's that smell? How does that taste? We human find these answers by using our ears, noses, and tongues. But some animals might find out by using their feet, tongues, and even their skin! Together we'll see how animals use their bodies and various senses to survive in the wild

School ZooMobile - "Happy, Healthy Animals" - Animal Care & Needs

http://www.oaklandzoo.org/ZooMobile_Community.php

Grade Levels: K;1st;PK;TK

Let's see - you've got your water, you've got your food, you've got your air, a little space – all the requirements for survival. But what about being happy? Or, having fun? Did you know that, just like us humans, playing and having something fun or interesting to do can be just as important to an animal as getting food and water? We'll help you discover how our zoo animals' survival depends on getting the basics and so much more!

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

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.

Ridgelands Naturalist Programs

Alameda

<http://www.ebparks.org>

Classroom Visit

<http://www.ebparks.org>

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

If you can't come to us, one of our Naturalists can visit you. We'll tailor the program to fit your needs.

San Francisco Zoo

San Francisco

<http://www.sfzoo.org>

ZooMobile: How Animals Grow

<http://www.sfzoo.org>

Grade Levels: 1st;2nd

This lesson will explore the unique and amazing ways that different types of animals grow from young to adult. Some hatch from eggs while others are born live. Some change form completely while others become larger versions of their baby selves.

ZooMobile: The Wild City

<http://www.sfzoo.org>

Grade Levels: K;1st

The children will be taken on an imaginary walk through a local park to find a native amphibian, reptile, bird, and mammal. They will learn what all animals need to survive.

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.

SaveNature.org

San Francisco

<http://www.savenature.org>

Edible EdVentures

http://savenature.org/content/nature_academy/Edible%20EdVentures

Grade Levels: K;1st;2nd;PK;TK

Edible EdVentures is a dynamic educational outreach program of Savenature.Org which connects children to the food they eat and where it comes from in nature. Kids will do fun interactive activities using many senses. They'll learn a plant anatomy song and take an imaginary journey into the rainforest. Edible EdVentures visits classrooms and libraries around the Bay area. This program is 45 minutes long and is best for preK - 1st grade.

Owl Pellet Discovery

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.

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.

Squid Science Dissection

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/>

Suisun Marsh Special Feature In-Class Presentations

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

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.

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.

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.

Walk With the Animals

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

Grade Levels: K;1st;2nd

Take a walk on the wild side and come face to face with mammals, birds, reptiles, and amphibians. Touch their fur, feathers, scales and skin while getting a rare close up look at their similarities and differences. Learn how these animals move, find food and escape from enemies.

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.

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.

Sunol-Ohlone Regional Wilderness

Sunol

<http://www.ebparks.org>

U-Pick Nature Program: In Park or Class

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/>

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 a field trip.

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

Healthy People, Healthy Planet In-Class

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

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

Students learn about health, nutrition and the environment. By understanding the benefits of developing healthy and sustainable eating habits, students will acquire the knowledge that they are in control of their own impact on the planet. (Also available as a field-trip)

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.

Wonderful Worms In-Class

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

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

Through experiments and observation we'll investigate the hidden life of this fascinating recycler and create a classroom worm bin. (Also available as a field trip)

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>

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>

Naturalist visit to your classroom!

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/>

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>

Nature Van-California's Redwood Forests

<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. Enter the moist, cool interior of a California rainforest to explore the many layers of an old growth forest and experience the interdependencies of salmon, redwood trees, banana slugs, and other forest creatures.

Nature Van- Birds

<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.

Strap on your wings and soar into the world of hummingbirds and eagles. Explore the vast array of bird adaptations, from feathers to beaks to feet

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

California Academy of Sciences
San Francisco

<http://www.calacademy.org>

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.

Oakland Zoo
Oakland

<http://www.oaklandzoo.org>

School Overnights

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.

Program Type: Temporary Exhibit

California Academy of Sciences
San Francisco

<http://www.calacademy.org>

Skin: Living Armor, Evolving Identity

<https://www.calacademy.org/exhibits-events>

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

(Opening June 14, 2019) Skin is the way we face our world. Uniquely personal yet universal, this complex organ forms a living interface between organisms and their environment. In this immersive new exhibit, discover the shape-shifting, color-changing, and ever-evolving nature of skin. From thick-skinned armadillos, rhinoceros, and turtles to colorful insects and birds, dynamic displays of Academy scientific specimen reveal the extreme protection that skin can offer while multimedia experiences show visitors how animals heal in extraordinary ways. Interactive elements throughout the exhibit invite visitors to stimulate their own skin's array of sense to uncover how we perceive temperature, vibration, and pressure. Plus, explore the layers of meaning humans have associated with skin color throughout history and how this shapes the way we view, interact with, and identify ourselves and each other in a modern world.

Oakland Museum of California Oakland

<http://www.museumca.org>

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.

SF Botanical Garden & Strybing Arboretum San Francisco

<http://www.strybing.org>

Art Exhibit: Return to Eden: Etchings from California's Wild and Cultivated Gardens

<http://www.sfbotanicalgarden.org/library/art-exhibit.html>

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

(May-August, 2019) Stephanie Martin's aquatint etchings depict some of our state's most exquisite native and cultivated flora. The medium of etching has an unmistakable magic and is a perfect vehicle for rendering the fine details of plants and their lovely design and architecture.