



SCHOOL NATURE PROGRAMS

The Livermore Area Recreation and Park District provides exciting opportunities for hands-on, multidisciplinary learning both in the classroom and in the field. Programs are conducted by LARPD Park Rangers, trained in effective and engaging interpretation for all grade levels, and designed to assist teachers in meeting the California State Board of Education’s Content standards.

FUN and LEARNING in the Field..

(Offered March - November)

Walk in the Wild	k-5 th	1 ½ hours	\$175 (\$210)*
Life in the Pond	k-5 th	1 ½ hours	\$185 (\$220)
California Indians	3 rd - 5 th	2 hours	\$225 (\$270)
Ravenswood Day (requires 5 classes to sign up)	3 rd - 4 th	4 hours	\$335

Fees for field programs are based on class sizes of 20 students for K-3rd and up to 32 students for upper grades. Reduced rates may be available for smaller groups.

Mammalian Madness	k-5 th	1 hour	\$80 (\$95)*
Creepy Crawlers	k-5 th	1 hour	\$80 (\$95)
In the Dark	k- 5 th	1 hour	\$80 (\$95)
California Indians	3 rd - 5 th	1 hour	\$80 (\$95)

Discounts on classroom programs available when multiple teachers at the same school book programs for the same day! See page 3.

FUN and LEARNING in the Classroom..

FREE Water Education

See page 5 for information about an exciting series of programs provided free of charge (thanks to a grant from the *Alameda Countywide Clean Water Program*) for 4th and 5th grade classes within the Tri-Valley.

Scheduling

For more information or to schedule programs, call the Nature Program line at (925)960-2403 or email rangers@larpd.dst.ca.us. Include the program(s) you are interested in, your school, grade level, number of students, and a few potential dates and times.

* Parentheses indicate fees for groups outside of the LARPD service area.

FUN and LEARNING

in the Field...

There is no better way for students to learn about nature and wildlife than to explore the great outdoors with a ranger!

A Walk in the Wild

You don't have to go far to have an adventure in the outdoors! Bring your class to Sycamore Grove Park for a short walk and lots of exploration and fun. Through exploration, demonstration and fun, students will learn about local wildlife and use all their senses to experience Sycamore Grove Park. This field trip may well be the one your students remember years from now.

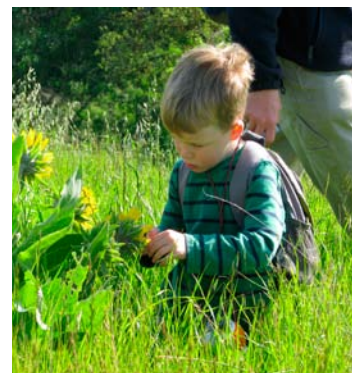


Life in the Pond

Who lives in the pond? Your students will find out on this field trip! They will learn about the great variety of aquatic creatures to be found as members of the class are transformed to illustrate the amazing adaptations used to survive. Students will then be armed with nets to capture and examine some of the critters they learned about. (Offered March - October)

Custom Programs Available!

Rangers can customize a field trip or in-class program to complement almost anything your class is studying! Plants, mammals, birds, bugs, evolution and adaptations, astronomy, geology, local history, changing of the seasons... what ever interests your class. Costs depend on length of program, materials and amount of preparation needed. Call or email for an estimate at least a month before you would like to have the program. Let us know the grade level, number of students and what you have in mind.



Field programs are generally offered March through November. Fees are based on class sizes of 20 students for K-3rd and up to 32 students for upper grades. Reduced rates may be available for smaller groups.

FUN and LEARNING

in the Classroom..

Have a ranger bring the wild into your classroom! Here is an opportunity for you to meet California State Board of Education Content Standards for Science and other subjects while providing an exciting learning experience for your students. Easier to coordinate than a field trip, these programs are perfect for busy teachers. Each program is an hour long. The fee is \$80 (\$95 out of district) for each program. There is special pricing for multiple programs (see below).



Mammalian Madness!

What makes a mammal a mammal? Students will learn as they feel furs, examine skulls, learn about scat and other exciting topics. By role-playing various mammals, your class will come to understand the challenges these animals face. Children will learn about adaptations and strategies mammals have developed to help them survive in a “mammal eat mammal world.”

Creepy Crawlers!

What does a snake feel like? What does a spider look like up close? People often fear what they don't understand. By meeting and learning about some of our more common “creepy” critters your class will gain a better understanding of why these animals look and behave the way they do. Students will learn how to appreciate these creatures safely, while giving them the respect they deserve.



In the Dark

Who begins their day when the sun goes down? As your students become bats, owls and other creatures of the night, they will learn about the adaptations that allow these animals to thrive in the dark. They will get up close and personal with wings, talons and taxidermied animals. Your class will learn about the huge diversity of bats and the important roles they play in our lives. You and your students will have a hoot!

Want to save money and continue the excitement all year long? Program fees are discounted to \$65 (\$80) per class when 2 or more classes at the same school book consecutive programs. Or book the series of 3 for \$185 (\$220) per class when 2 or more teachers at the same school schedule consecutive programs.

FUN and LEARNING

History...

History comes alive for students as they view, touch, and use technology from the past. Students are actively engaged in some day-to-day tasks of those who came before us, raising awareness of what these peoples' lives were like.

Victorian Life in Livermore at Ravenswood Historic Estate



This day of fun and learning is designed to complement your 3rd grade local history curriculum. At Ravenswood Historic Estate students will step back in time as they do household chores, play old-time games, make cider and dress-up in Victorian clothing. Students will leave Ravenswood with a greater understanding and appreciation for life in the valley during the late 1800s. Due to staffing requirements, a minimum of five classes are required to sign up for this program. Due to high demand, payment is required before a date will be held for your school. Non-refundable except in cases of inclement weather or if we are able to rebook the date.

California Indians - In the Park

The world of the pre-contact California Indians becomes real as students explore the park imagining how they would live without supermarkets, hardware stores, and video games. Learn about the plants and animals that provided native peoples with food, shelter and entertainment and gain insight into their traditional society and culture. Students will examine artifacts and replicas, try their hand at traditional skills and Indian games. Meets many of the State of California's State Board of Education History-Social Science Content Standards for 3rd and 4th grade.



California Indians - In the Classroom

If your group can't make it to the park they can still have the hands-on experience of examining artifacts and replicas with a ranger in your classroom. Your class will step back in time to learn about the traditional day-to-day life of the people that have populated the bay area for thousands of years. Demonstration, role-play, games and hands-on activities will make your California Indians unit more meaningful and memorable.

FUN and LEARNING

in the Water...

Water Education Series (for 4th and 5th grades)

Thanks to a grant from the Alameda Countywide Clean Water Program, the Livermore Area Recreation and Park District is able to provide this exciting series of programs free of charge to 4th and 5th grade classes within the tri-valley. The series is presented by LARPD rangers and consists of two in class programs and a field trip to a local creek where students will put into action what they have learned. In class programs are one hour long and the field trip is 1 ½ hours in length.



Water Flows: What's a Watershed?

The difficult concept of a watershed becomes clear as students actively explore how water moves over, under, around and through mountains, valleys and towns, transforming the lives and affecting the health of the people and animals that live there. After this program, students will be able to identify potential sources of pollution in their own neighborhoods and come up with ways to help prevent our watershed from being negatively impacted .

Stream Life I: What Can You Learn From a Water Bug?

The second program in this series will build on what students have learned so far to prepare them for their field trip to a stream. They will learn about aquatic insects and other water-loving creatures and how they can be indicators of stream health. Students will become part of a food web and see how easy it is to disrupt. They will test the pH of several liquids and brainstorm other ways to evaluate stream health. After this program, students will be ready to visit the stream as scientists.



Stream Life II: A Scientist's Look at a Stream

Now that students have an understanding of ways to examine stream health, it's time to put what they have learned into action. Students will visit a local creek, perform aquatic insect sampling, record data, measure pH, take measurements and examine the stream for signs of pollution and human influence. They will analyze their data and discuss their findings in the context of what their research indicates about the health of the local watershed.