

**School
Learning**



Expeditions at



**JURUPA
MOUNTAINS
DISCOVERY
CENTER**

**WWW.JMDC.ORG
951-685-5818**

JMDC Vision Statement

The vision of the Jurupa Mountains Discovery Center is to convey scientific and cultural knowledge, and encourage respect and responsibility toward the earth and its inhabitants.

JMDC Mission Statement

Jurupa Mountains Discovery Center is a non-profit corporation dedicated to promoting awareness of and respect for our planet and its inhabitants through its many educational programs. JMDC's strength comes from the individual's desire to learn. Each mind is unique and our goal is to challenge the community's mind to help it reach its full potential.

To achieve this goal, JMDC will supplement schools by providing: classes, programs, learning expeditions, field trips, and exhibits that will stimulate the imaginations of both youth and adults, as well as inspire their enthusiasm to learn. The main emphasis of JMDC is education of youth in the fields of Earth Science, Life Science and Cultural Science.

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School Learning Expeditions at Jurupa Mountains Discovery Center

Thank you for choosing Jurupa Mountains Discovery Center for your School Learning Expedition, aka field trip. With twelve Expeditions to choose from, you are sure to find an Expedition that complements your classroom curriculum. Check our table of contents or Expedition description for California Education standards being met at different grade levels.

Expeditions offer a hands-on learning experience that lasts approximately 1.5 hours. Expeditions have a keepsake for each Student Explorer to take home. Expedition Enhancements typically increase your Expedition to approximately 3 hours.

Prices are per person for Student Explorers, Parents, Siblings, and Chaperones. Talk to us about our *No Charge Policy* for Teachers and Aides.

Looking for something a little bit different than what we offer? Chat with our Education Coordinator. JMDC may be able to build a custom expedition just for you!

Rock Collecting at the Dinosaurs

Virtual Option Available, ask for details



Rock Collecting at the Dinosaurs is JMDC's signature Student Learning Expedition. This Expedition is an introduction to rocks, minerals and fossils that complements NGSS for most grade levels. The Expedition begins in our rock corral where Student Explorers discover how rocks and minerals are formed, and the many ways we use them in our daily lives. Student Explorers also discover fun facts about fossils. Leaving the rock corral, your Guide leads Student Explorers on a short hike through our gardens, offering information about the dinosaurs they meet along the way. Once Student Explorers reach Dino Mesa, they are each given an egg carton to make their own collection of twelve rocks, minerals or fossils to take home.



Cost - \$10.00 per Explorer

This Expedition complements CA Next Generation Science Standards - KESS3.A; 1PS4.A; 2ESS1.C; 2ESS2.A; 2ESS2.C; 3LS4.A; 4ESS2.A; 4ESS3.A; MS7ESS2.C; MS7ESS3.A

Adventures in Adobe



Discover the history of Adobe Brick making and the significance of the adobe brick to California history.

This Student Learning Expedition delves into the importance of adobe, along with a natural water supply, as an important natural resource for early California settlers. Don't be afraid to get dirty as you immerse yourself in the adobe making process. This is a hands-on and "feet-on" activity. Student Explorers work together to make adobe bricks, and can make their own adobe brick to take home.

Cost - \$10.00 per Explorer

This Expedition Complements Ca History Social Science Standards - HSS K6.3; 1.4.3; 1.5.2; 3.2; 4.2.1; 4.2.3; 4.2.4; 4.2.5

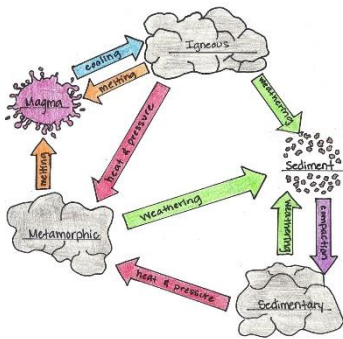


California Rockhound

This Expedition offers Student Explorers an excellent opportunity to become familiar with the rock cycle. Covered topics include rock formation from magma (igneous rocks), water and wind erosion (sedimentary rocks), and heat and pressure



The Rock Cycle



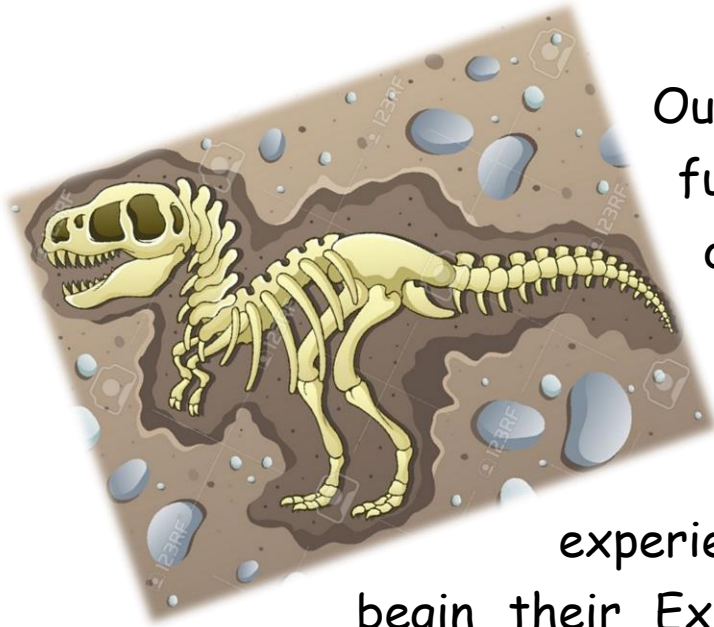
(metamorphic rocks). Also included is a discussion of the important roles rocks and minerals play as a natural resource. Each Student Explorer receives a set of eight rocks and eight minerals to take home.



Cost - \$12.50 per Explorer

This Expedition complements CA Next Generation Science Standards - 2ESS1.C; 2ESS2.A; 2ESS2.C; 4ESS1.C; 4ESS2.A; 4ESS3.A; 4ESS3.B; 7ESS3.A

Dinosaur Dig



Our Dinosaur Dig Expedition is fun for aspiring paleontologists of all ages. This Expedition introduces Student Explorers to the world of Paleontology through a hands-on dig experience. Student Explorers will

begin their Expedition with a tour of our dinosaur sculptures, learning fun facts about each, as well as a little about how each was discovered. Once Student Explorers arrive at the dig site, they will be given some tools of the trade and will work together as a team to unearth an Allosaurus skeleton, replicating an actual dig experience.



Cost - \$10.00 per Explorer

This Expedition complements CA Next Generation Science Standards - 3LS4.A; 3LS3.C; 4ESS1.C

Early Man Archaeology Site

This Expedition gives Student Explorers a taste of life as an Archaeologist. After learning the science behind archaeology, Student



Explorers will be instructed on the archaeological process. They will be given a trowel and brush to use as they unearth artifacts. They will record their findings in a field notebook which they will take home. The mock archaeology site represents an early man site. Student



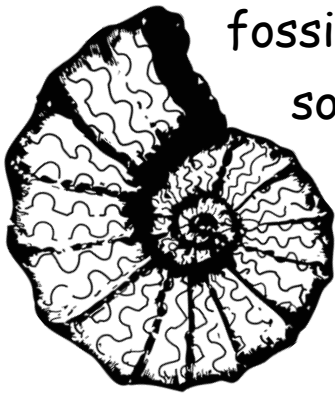
Explorers will unearth flint knapping tools, obsidian, arrow points, and perhaps a bone or two. At the conclusion of the dig, Student Explorers will share their findings with the group.

\$12.50 per Explorer

This Expedition complements CA History Social Science Standards - HSS 6th

Fossils Through Time

Student Explorers will discover facts about fossils, including how fossils have been used by scientists to establish a geological timeline. This Expedition also reviews reasons why



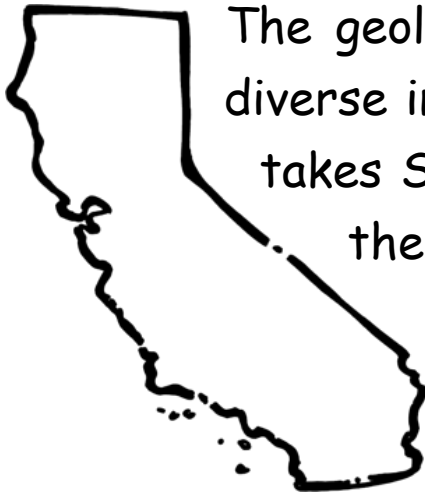
fossils have gone extinct, and why some creatures have survived throughout time for millions of years. Student Explorers will examine fossils close-up, then polish a fossil to take home.

Cost - \$12.50 per Explorer

This Expedition complements CA Next Generation Science Standards - 3LS4.A; 3LS4.C; 4ESS1.C; MS8ESS1.C; MS8LS4.A



Geology of California



The geology of California is one of the most diverse in the United States. This Expedition takes Student Explorers on a journey across the great state of California discovering the geological processes that shaped the landscape. These forces include volcanic

eruptions, water and wind erosion, and plate tectonics.

Also discussed is the importance the mining industry plays in the economy of

California. Student Explorers receive a collection of rocks, minerals, and fossils indigenous to California.



Cost - \$12.50 per Explorer

This Expedition complements CA Next Generation Science Standards - 2ESS1.C; 2ESS2.A; 2ESS2.C; 3LS4.C; 4ESS1.C; 4ESS2.A; 5ESS2.A; MS8ESS1.C; MS7ESS2.C

Gold Fever!

This Student Learning Expedition takes Student Explorers back to the days of the 49ers and the California Gold Rush. During the days of the Gold Rush, gold fever swept across the United States bringing thousands of people to California, changing the course of California history and the state's economy. During this Expedition, Student Explorers learn about life during the gold rush, staking claims, and the important role women played in California history. Student Explorers will try their hand at panning for gold, keeping any gold and other minerals they find. Be warned - you just may catch GOLD FEVER!



Cost - \$12.50 per Explorer

This Expedition complements CA History Social Science Standards - HSS4.3.3; HSS4.3.4; HSS4.4.2

Pictograph Language and Art

What was life like 500 years ago? How did people communicate without a written language?

Instead of written words, one method of communication was through pictures, known as pictographs. This Student Learning Expedition combines history, language arts, and visual

arts while offering a glimpse into the life of long ago. Student Explorers will discover the ways life long ago differed from our own and the many ways it was similar. Student Explorers will be told a story using pictures. Student Explorers will then grind minerals into paint and tell their own original story using pictographs.



Cost - \$12.50 per Explorer

This Expedition complements CA history Social Science and Visual Arts Standards - HSS1.4.3; HSS3.2.2; HSS5.1.2; VAPA.VA 1.2.1; LA K-6th

Critters: How and Why

Meet the members of JMDC's Critter Corner family. During this Student Learning Expedition, Student Explorers will be introduced to a variety of reptiles and arthropods. Your Guide will discuss habitats, eating habits, body structure and function, reproduction, and the diversity that exists within an ecosystem. Some discussion topics include arboreal



versus terrestrial; how and why foot pads differ; ways reptiles have adapted to their environment; and many more topics. Student Explorers will have an opportunity



to see these critters up close and touch some of the reptiles. This Learning Expedition is enhanced with a JMDC Critters:

How and Why Activity Book which reinforces the concepts covered in the program.

Cost - \$12.50 per Explorer

This Expedition complements CA Next Generation Science Standards - K S1.C; 1 LS1.A; 1 LS1.D; 2 LS4.D; 3 LS1.B; 4 LS1.A

Ecosystems, Genetics and Critters

JMDC's Student Learning Expedition Ecosystems, Genetics and Critters is designed for grades 5 and above, Student Explorers participating in this program will take an in depth look into the interdependent relationships of ecosystems, focusing specifically on deserts, riparian zones and forests. The program will discuss the ways the major components, including plants and animals, in an ecosystem work together. Student



Explorers will also discover ways an ecosystem can be disrupted. In addition, this program will take a deeper dive into the reproduction and inherited traits of various reptiles. Student Explorers will get up-close to the reptiles discussed. Participants will receive a JMDC Ecosystems, Genetics, and Critters Activity Book which reinforces the concepts covered in this program.

Cost - \$12.50 per Explorer

This Expedition complements CA Next Generation Science Standards - 5 LS2.A; 6 LS1.B; 7 LS2.A; 8 LS3.B; HS LS2.A

Plants of the Jurupa Mountains

Plants of the Jurupa Mountains Student Learning Expedition takes Student Explorers on a walking tour of the Jurupa Mountains Discovery Center grounds while they discover facts about the plants native to this region. Depending upon the grade level, concepts covered may include: how do plants grow; parts of a plant; growth and development of plants; plant reproduction; pollination; unique life cycles of plants; the role of plants within this ecosystem and ways the ecosystem can be disrupted; and variations in traits. Student Explorers will receive a Plants of JMDC Activity Book which reinforces the concepts covered in the program. *Expedition is tailored to cover content specific standards of the grade level participating.*



Cost - \$12.50 per person

Meets CA Next Generation Science Standards - K LS1.1; 1 LS1.A; 1 LS1.B; 2 LS2.A; 3 LS1.B; 4 LS1.A; 5 LS2.A; 6 LS1.B; 7 LS2.A; HS LS2.A; HS LS2.B

Expedition Enhancements

Add one or more of our Expedition Enhancements.

Bring your own Lunch - After a bus ride and a great Learning Expedition every Student Explorer needs something to eat. JMDC can reserve an area for Student Explorers to sit down and enjoy a meal they bring from home or school. You provide the food, and we'll provide the place.

No Cost | Adds ≈30 minutes to the Expedition time.

Museum of Discoveries - A visit to JMDC's Museum of Discoveries is a great addition to any Expedition. Student Explorers enjoy making many discoveries.

Cost - \$3.00 per Explorer | Adds 30 minutes to the Expedition time.

Critter Corner - Have a meet and greet with four of the denizens of our Critter Corner. Explorers will get some limited hands-on time with some of JMDC's collection of turtles, snakes, lizards, and invertebrates. Discover their eating habits, habitats, and lifestyles.

Cost - \$3.00 per Explorer | Adds ≈30 minutes to the Expedition time.

Hike to the Mammoth - If your Explorers are interested in meeting Eddie the Mammoth up close and in person, add a Hike to the Mammoth to your Expedition. Follow your guide through the hills and up to Eddie where you will view the Jurupa Valley below you.



Cost - \$1.⁰⁰ per Explorer | Adds ≈30 minutes to the Expedition time.

Shop in the Gift Shop of Discoveries - Student Explorers want to bring home something to remember their outings from school. JMDC provides the perfect Student Explorer shopping experience. With many items priced for the Student Explorer starting at \$1.⁰⁰ or less all it takes is a few dollars to bring home some memories. JMDC will pay the tax on all Student Explorer cash purchases, this makes it simpler for Student Explorers to shop without figuring the tax.

No Cost, except what you spend | Adds ≈30 minutes to the Expedition time.

Freemium Membership

What is a Freemium Membership? It's a *free* JMDC Membership that requires just a few minutes of your time to join. Scan the QR code below and enter the following information: name (first and last), email, zip code, cell phone, and birth date (month and day). Click *Become a Member* and your JMDC Freemium Membership is complete. You'll get text alerts to different events, newsletters, and an invitation to some of JMDC member only events.



If you want more membership benefits, you can upgrade to a JMDC Premium Membership at any time. You control your JMDC Membership and the benefits you want.



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LEGEND



DINOSAUR SCULPTURE:



**FAMILY RESTROOMS:
-ADA ACCESSABLE**



HANDICAP PARKING:

FIRST TIME HERE?
EXPLORE THE LOWER GARDENS, WHERE HALF OF OUR DINOSAUR SCULPTURES AND HUNDREDS OF BEAUTIFUL PLANTS AND CACTI AWAIT

OR HEAD TO THE GIFT SHOP OF DISCOVERIES FOR A GUIDED EXPEDITION!

ROCK COLLECTING AT THE DINOSAURS FAMILY EXPEDITION

TRAVEL WITH A GUIDE ALONG THE DINOSAUR TRAIL. MEET ALL OF OUR FRIENDLY DINOSAURS, AND LEARN ABOUT PALEONTOLOGY. END YOUR EXPEDITION BY MAKING YOUR OWN PERSONAL COLLECTION OF 12 ROCKS, MINERALS, OR FOSSILS TO TAKE HOME WITH YOU

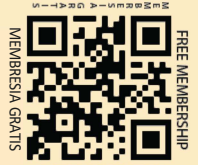
COST - \$9.00 PER PERSON, CHILDREN UNDER 2 NO CHARGE OFFERED BY AVAILABILITY IN GIFT SHOP OF DISCOVERIES

PLANNING A BIRTHDAY OR SPECIAL EVENT?

INQUIRE ABOUT OUR PRIVATE EVENT AREAS : DINO DEN, SUNKEN GARDEN, OLIVE GROVE, AND BUTTERFLY GARDEN GAZEBO

PARKING PASS REBATE

PRESENT YOUR \$10 PARKING PASS WHEN MAKING A SINGLE PURCHASE OF \$40 OR MORE IN THE NURSERY OR GIFT SHOP FOR AN INSTANT \$10 DISCOUNT



FREE MEMBERSHIP MEMBERSHIP GRANTS