



## COME LEARN, EXPLORE AND MAKE DISCOVERIES, WITH A LEARNING EXPEDITION AT JMDC

JMDC home of the  
"Best Field Trip EVER!"

Join us at Jurupa Mountains Discovery Center for an interactive learning experience. We offer ten Expeditions to choose from, each of which complements *California Next Generation Science Standards* and/or *California History and Social Science Standards and Visual Arts Standards*. Expeditions last approximately one and a half hours, and can be customized to fit the educational needs of a specific age, grade, or ability. Experience it for yourself and see why teachers and students say "**Best Field Trip EVER!**"



**Adventures in Adobe** – Discover the history of adobe brick making and the significance of the adobe brick to California Missions. This expedition delves into the importance of adobe and a local water supply as essential natural resources to the earliest California inhabitants and settlers. Enjoy this hands-on and "feet-on" activity by making your very own adobe brick.

**Cost - \$9.00 per person.**

**Meets 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 an excellent opportunity for Explorers to become familiar with the rock cycle. Covered topics included rock formation from magma (igneous rocks), water and wind erosion (sedimentary rocks), and heat and pressure (metamorphic rocks). Also included is a discussion about the importance of rocks and minerals as a natural resource. Each Explorer receives a set of eight rocks and eight minerals to take home.

**Cost - \$12.50 per person.**

**Meets 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 site is fun for budding paleontologists of all ages! This Expedition introduces Explorers to the world of paleontology through a hands-on dig experience. Explorers take a walking tour of our dinosaur sculptures, and then help unearth an Allosaurus fossil, replicating an actual dig.

**Cost - \$10.00 per person.**

**Meets CA Next Generation Science Standards** – 3LS4.A; 3LS4.C; 4ESS1.C;

**Fossils through Time** – Discover facts about fossils and the geological timeline. Explorers examine fossils close up and take home a fossil of their own.

**Cost - \$12.50 per person.**

**Meets 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. Explorers discover the geological processes, including volcanic eruptions, water and wind erosion, and plate tectonics, that have shaped our great state. Each Explorer receives a collection of rocks, minerals and fossils indigenous of California.

**Cost - \$12.00 per person.**

**Meets 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!** – Explorers discover facts about the California Gold Rush while panning for real gold! During the early days of the Gold Rush, miners wanted one thing – GOLD! The discovery of gold changed the course of California's history and economy. During this expedition, Explorers will discover the important roll California's water supply played in the success of the early miners. Also, Explorers will learn about the important roll women played in shaping the State of California. Explorers keep the gold and other minerals they find.

**Cost - \$12.50 per person.**

**Meets CA History Social Science Standards** – HSS 4.3.3; 4.3.4; 4.4.2



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**Mission Archaeology Dig** – Our Archaeological Dig site brings to life the California Mission period with artifacts representing life in a California mission. Explorers unearth history while discovering the important role Archaeologists play in the study of ancient cultures. Explorer archaeologists will discover the important role played by water and other natural resources for mission site selection. Explorers will discuss the significance indigenous cultures had on mission life.

**Cost - \$10.00 per person.**

**Meets CA History Social Science Standards** – HSS 1.5.2; 4.2.1; 4.2.3; 4.2.5; 4.2.6

**Native American Pictograph** – This expedition offers a peek into the life of early Native Americans. Hear Native American legends; and learn to communicate through pictographs using minerals to make your own paint. Create and tell your own story using pictographs.

**Cost - \$10.00 per person**

**Meets CA History Social Science and Visual Arts Standards** – HSS 1.4.3; 3.2.2; 5.1.2; VAPA.VA.1.2.1; 2.2.1;



**Introduction to Lapidary** – Lapidary is the art of cutting, shaping and polishing rocks and minerals. Also the creation of individual works of art using rocks and minerals in a collage. Explorers will discuss lapidary as an ancient art form, compared to lapidary in modern times. Explorers in this expedition will have an opportunity to make a mosaic using small polished stones. Also, students will polish a piece of rock using modern lapidary equipment.

**Cost - \$12.50 per person**

**Meets CA Visual Arts Standards** – VAPA.VA.1.2.1; 2.2.1; 4.2.8;

**Rock Collecting at the Dinosaurs** - This expedition is an introduction to rocks, minerals and fossils that fits into the NGSS of most grade levels. Begin your expedition in our rock corral with a short presentation about the ways rocks can form and the importance of rocks and minerals as a natural resource. Explorers also meet some fossils up close. At the end of the presentation, Explorers take a short hike up to Dinosaur Mesa learning about a variety of dinosaurs along the way. Once Explorers reach Dino Mesa, each person is given an egg carton to collect twelve rock, mineral or fossil specimens to take home.



**Cost - \$9.00 per person.**

**Meets CA Next Generation Science Standards** – KESS3.A; 1PS4.B; 2ESS1.C; 2ESS2.A; 2ESS2.C; 3LS4.A; 4ESS1.C; MS7ESS2.C; MS7ESS3.A;

**Earth Science Museum** – For an additional \$0.50 per person, your group can add the Earth Science Museum to your expedition field trip. Our museum houses specimens of rocks, minerals and fossils from around the world. A visit to our Earth Science Museum will add an additional 30 minutes to your tour.

**Meet the Critters** – For an additional \$1.00 per person, your group of fifteen or less can have a meet and greet with the denizens of our Critter Corner. Your group will be introduced to rosy boas, a corn snake, a bearded dragon, Chinese water dragons, a tarantula, and a scorpion amongst other critters. Learn about habitats, lifestyles, and feeding habits. A Critter Meet and Greet will add 30 minutes to your tour time.

**TEACHERS – IF YOU DO NOT SEE A PROGRAM THAT FITS YOUR FIELD TRIP NEEDS, CALL OUR OFFICE AND WE CAN CUSTOMIZE A FIELD TRIP FOR YOUR GROUP.**