

**12/13/07 – Day Program: Good Heavens**

**Where:** Chabot Space and Science Center, Oakland, CA

**When:** Thursday, December 13 – meet at Chabot SSC – 9:00 a.m.

**Grades:** 5 - 8

**Cost:** \$25/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Thursday, December 6, 2007

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend a day at the Chabot Space and Science Center learning about astronomy. Students participate in the class Atmospheres in Balance, view the Megadome presentation Solarmax, and explore the many exciting hands-on exhibits including Destination Universe, Solar-Go-Round, A New Space Race: Ansari X-Prize, One Giant Leap: A Moon Odyssey, and Chabot Observatories: A View to the Stars. Students will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.

**1/10/08 – Day Program: The Tech Museum**

**Where:** The Tech Museum, San Jose, CA

**When:** Thursday, January 10 – meet at The Tech – 9:30 A.M.

**Grades:** 5 - 8

**Cost:** \$25/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Thursday, December 20, 2007

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** The Tech Museum of Innovation is a hands-on technology and science museum for people of all ages and backgrounds. The Tech's mission is to inspire the innovator in everyone. Students will be involved in the Design Challenge: The Physics of Roller Coasters, view the IMAX presentation The Human Body and explore the many hands-on exhibits including Body Worlds 2, Green by Design, and IDEA House. Students will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.

**1/24/08 – Day Program: The Journey Home – Central Coast**

**Where:** Natural Bridges State Beach/Año Nuevo State Reserve, Santa Cruz, CA

**When:** Thursday, January 24 – meet at Natural Bridges Visitor Center – 10:00 A.M.

**Grades:** 4 and above

**Cost:** \$15/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Thursday, January 17, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend a day studying animal migration along California's central coast. At Natural Bridges State Beach, thousands of monarch butterflies take shelter in the large trees, overwintering until they return to inland valleys and continue their amazing life cycle. From Natural Bridges, travel north to Año Nuevo State Reserve to view a large colony of northern elephant seals that assembles on the beaches here each winter. These large animals spend most of their lives at sea, coming ashore only to molt, give birth, and mate. Students will participate in a variety of hands-on activities focusing on migration and the natural history of monarchs and elephant seals matched to the appropriate California State Science Content Standards.

**2/8/08 – Day Program: Explore-A-Tide Pool**

**Where:** Fitzgerald Marine Reserve, Moss Beach, CA

**When:** Friday, February 8 – Meet at Fitzgerald Marine Reserve -- *time to be determined*

**Grades:** 4 - 8

**Cost:** \$15/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Friday, February 1, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend time investigating the fascinating creatures that inhabit the crevice pools of the Fitzgerald Marine Reserve. These long, narrow pockets of sea water provide a rich diversity of habitat and attract a variety of organisms including sea anemones, sea stars, crabs, snails and an occasional octopus. Students will be led through the tide pools with experienced guides that will focus student attention on how the animals live and how they are adapted to the ever changing conditions of the tide pool. Students will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.

**2/14/08 – Day Program: California Geology**

**Where:** Point Reyes National Seashore, Point Reyes, CA

**When:** Thursday, February 14, 2008 – Meet at Point Reyes Visitor Center – 10:00 A.M.

**Grades:** 6 and above

**Cost:** \$15/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Thursday, February 7, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** From its thunderous ocean breakers crashing against rocky headlands and expansive sand beaches through its open grasslands to its brushy hillsides and forested ridges, visitors can discover over 1000 species of plants and animals and view the many stories in stone that tell of California's geologic past, present and future. Students will spend the day focusing on the geologic story of Point Reyes and will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.

**4/18/08 – Day Program: Foothill Wild Flowers**

**Where:** New Hogan Lake, Valley Springs, CA

**When:** Friday, April 18, 2008

**Grades:** 7 and above

**Cost:** \$10/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Friday, April 11, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend a day exploring nature's spring wild flower show at New Hogan Lake, starring golden poppies, lupines, brodiaeas, larkspurs, red maids, baby blue eyes and a host of other spring wild flower species. Students will learn how to recognize common wild flower families and use field identification keys to determine the identities of the flowers they observe. Digital cameras are highly recommended as students will receive tips on wild flower photography from a professional nature photographer. Students will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.

**4/24/08 – Day Program: Earth Treasures**

**Where:** Sutter Gold Mine and Black Chasm Caverns, Sutter Creek, CA

**When:** Thursday, April 24, 2008 – Meet at Sutter Gold Mine – 10:00 A.M.

**Grades:** 4 - 9

**Cost:** \$25/person (includes all student materials and activity fees)

**Sign-up/Fee Due By:** Thursday, April 17, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend a fun-filled day learning about the geology of California and the Sierra Nevada, studying the rocks and minerals that are the building blocks of California's complex geology. Students take tours of the Sutter Gold Mine and Black Chasm Caverns and participate in several hands-on Earth science labs including geode cracking and gem mining, all matched to the appropriate California State Science Content Standards.

**5/16/08 – Day Program: Delta Explorations**

**Where:** Brannon Island State Reserve, Rio Vista, CA

**When:** Friday, May 16, 2008 – meet at Brannon Island State Recreation Area – 10:00 A.M.

**Grades:** 5 and above

**Cost:** \$10/person (includes all student materials and entrance fees)

**Sign-up/Fee Due By:** Friday, May 9, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** Spend a day on the beautiful California Delta learning about this unique ecosystem. Students will study the natural history of a variety of animals that depend on a healthy delta ecosystem, investigate wetlands and their importance to people and animals, and take a look at issues related to water availability and use in California. Students will participate in a several hands-on activities matched to the appropriate California State Science Content Standards.

**6/2-5/07 – Outdoor Education Program: Can You Sea It?**

**Where:** Albion Field Station, Albion, CA

**When:** Monday, June 2 – Thursday, June 5, 2008

**Grades:** 5 - 8

**Cost:** \$200/person (includes all student materials, entrance fees, food and lodging)

**Sign-up/Fee Due By:** Thursday, May 15, 2008

**Contact:** Dan Wyrick, (209) 607-8455 (Reservations accepted after August 14)

**Description:** "Can You Sea It?" is a 4-day outdoor education program that has students investigating several learning modules designed to increase student understanding and awareness of the rich and diverse natural history of the Northern California coastal environment. Students are exposed to the amazing world of life in a tide pool in the activity "Explore A Tide Pool." Students investigate the adaptations of marine mammals in "Blubber, Flippers, And Blowholes," Marine algae, its identification and uses is the focus of "Seaweed Ice Cream." "Giants And Pygmies" introduces students to the common trees and shrubs of the temperate rainforest. Other modules include "You Have No Backbone," Coastal Wild Flowers," "Beaks, Feet, And Feathers," and "Slime, Scales, And Fins." Students will participate in a variety of hands-on activities matched to the appropriate California State Science Content Standards.