



## FIELD TRIP OVERVIEW

**LOCATION:** Angeles National Forest in the San Gabriel Mountains National Monument (SEE OVERVIEW MAP AND LOCATION BUTTONS)

**OBJECTIVES:** See attached list of Disciplinary Core Ideas from the Next Generation Science Standards

**GROUP SIZE:** Maximum of 60 students unless arrangements are made prior to the field trip

**DAY/TIME:** Available on Scheduled Days 10:00 a.m. to 1:00 p.m.

**SCHEDULE:** 8:30 – 9:30 Bus Ride  
9:30 – 10:00 Orientation and Overview  
10:00 – 12:00 2 Concurrent Activities (Geology Presentation & Nature Walk)  
12:00 – 1:00 Lunch in the Picnic Area followed by exploration of the self-guided interpretive trails and Visitor Center displays  
1:00 – 2:00 Bus Ride

### LOGISTICS:

- Teachers will receive a packet of materials and a sample Nature Investigations magazine to be used for pre- and post- visit lessons.
- Classes will receive Smokey Bear and Woodsy Owl posters and a visit from a forest volunteer who will explain what Smokey and Woodsy want forest visitors to “Know Before They Go”.
- Students will receive pencils, rulers, Smokey comic books, activity booklets, posters, and/or Certificates of Completion in a collection envelope. (based on availability)

### WHAT TO BRING/WEAR:

- Sturdy, comfortable closed toe shoes
- Long pants
- Hat/cap
- Jacket/sweater
- Sunscreen and insect repellent
- Binoculars for bird watching
- Camera
- Lunch and bottled water in a backpack (which will remain on the bus during explorations)

### WHAT NOT TO BRING/WEAR:

- Sandals/flip-flops
- Cell phones (no reception)
- Money (nothing to buy)
- Toys or games

### SMOKEY & WOODSY EXPECT FOREST VISITORS TO:

- ENJOY the forest
- Respect the forest and all its inhabitants
- Learn how to prevent wildfires and keep the environment clean
- Listen carefully to presenters and guides
- Follow directions and actively participate
- Focus attention
- Think and ask questions
- Walk quietly in the center and on the marked trails
- LEARN

**POST FIELDTRIP:**

Back at school and home, teachers and parents will use the resources and activities provided by the Chilao Visitor Center to help you answer the following questions.

1. What is something you already knew about the forest before your visit?
2. What is the most awesome thing you learned?
3. How will you use something you have learned at home and at school?
4. What is something more you want to know?

**SUBJECT:** What to “Know Before You Go” to the Chilao Visitor Center in the Angeles National Forest/San Gabriel Mountains National Monument

**TO:** Teachers, students, and parents

**FROM:** Smokey Bear and Woodsy Owl

**DATE:** \_\_\_\_\_

The mission of the USDA Forest Service is “to sustain the health, diversity, and productivity of the Nation’s forests and grasslands to meet the needs of present and future generations.” The Chilao Visitor Center aims to achieve that goal by providing students, teachers, and parents with a fun, exciting educational experience in the great outdoors.

**During the field trip, students will participate in:** (will vary based on grade level)

A geology presentation focusing on the geological history of the San Gabriel Mountains, the types of rocks found here, and methods to identify them.

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A guided nature walk emphasizing the big trees of the high country and the benefits they provide to the public and local fauna. A discussion of how human activities in the city can negatively impact the forest will also be addressed.

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Exploring self-guided interpretive trails and center exhibits highlighting the culture and history of early settlers, rangers, lookout towers/personnel, natural history (flora and fauna), and rocks-geological features of the Chilao area.

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**DISCIPLINARY CORE IDEAS FROM THE NEXT GENERATION SCIENCE STANDARDS ADDRESSED BY THE CHILAO VISITOR INFORMATION SERVICES AT THE CHILAO INTERPRETIVE SITE IN THE SAN GABRIEL MOUNTAINS NATIONAL MONUMENT**

**Grade 4**

- LS1.A Structure and Function
- LS1.D Information Processing
- ESS1.C The History of the Earth
- ESS2.A Earth Materials and Systems
- ESS2.B Plate Tectonics and Large-Scale System Interactions
- ESS2.E Biogeology
- ESS3.A Natural Resources
- ESS3.B Natural Hazards