

# Forest Explorer Delivery



## Presentation Outline and Fee Schedule

---

### Explanation of Fees

The Forest Explorer is a grant funded exhibit administered by The San Bernardino National Forest Association\*, a 501(c)(3) nonprofit. Fees collected for service are allocated to fuel and maintenance costs associated with the Forest Explorer and its dedicated tow vehicle.

---

### Event Delivery

Typically, there is no charge to deliver and interpret the Forest Explorer at a one-day event in Southern California due to the self promotion opportunities offered. For delivery outside Southern California, or if overnight accommodation is required, fees may apply for transport and associated travel expenses (fuel, accommodation costs and per diem for at least 2 Delivery Team Members). Donations to keep us rolling are always welcome.

### What is included in Event Delivery?

The Forest Explorer is a self-contained exhibit that is fully equipped with graphic panels, information materials, forest specimens and Delivery Team Members to interpret it all!

In general, the Forest Explorer Delivery Team Members provide a casual interpretive atmosphere at events, allowing visitors to explore the displays on their own. Upon request, the Forest Explorer Delivery Team Members will provide scheduled activities throughout the duration of your event.

---

### School Delivery

Fees for school delivery are based on estimated fuel and vehicle maintenance costs associated with travel to the school site. Fees also help with the cost of presentation materials. A full schedule of fees as well as suggestions to help with the cost of the Forest Explorer Delivery can be found on the following page.

### What is included in a School Delivery?

Students will engage in hands-on, curriculum based activities, delivered by trained staff and volunteers. A detailed description of activities offered for each grade as well as a step-by-step outline of a typical forest experience can be found on following pages.

---

**\*About the National Forest Association (NFA):** The National Forest Association, a 501(c)(3) nonprofit organization, is committed to three initiatives addressing conservation/restoration, environmental education and responsible recreation on Southern California public lands. Through partnerships and a strong volunteer backbone network, the NFA brings communities of people, partners and funding resources to important projects and programming focused on health, stewardship and sustainability. Visit [www.nationalforestassociation.org](http://www.nationalforestassociation.org).

## Schedule of Fees

---

The Forest Explorer is a grant funded environmental education tool administered by The San Bernardino National Forest Association, a 501(c)(3) nonprofit. Fees collected for service are dedicated to the purchase of materials, fuel and maintenance costs associated with Forest Explorer School Delivery. See below for tips to make the most of your Forest Explorer Delivery as well as some suggestions to help with the cost.

Fees are based on estimated fuel and vehicle maintenance costs associated with the Forest Explorer Delivery. The table below lists the fees charged for delivering The Forest Explorer to schools within the corresponding Area of Delivery. The table on the last page of this document provides a detailed list of Cities and Communities within each Area of Delivery.

<b>Fee for Delivery</b>	<b>Area of Delivery*</b>
<b>\$150</b>	Inland Empire and San Bernardino Mountain Communities
<b>\$250</b>	Communities in the High Desert, San Jacinto Mountain Communities and portions of Riverside, Orange and Los Angeles Counties
<b>\$300</b>	Communities in the Joshua Tree Region and the City of Los Angeles
<b>\$300+</b>	San Diego, Ventura and Santa Barbara Counties and beyond!

### **Make the most of your Forest Explorer Delivery!**

The Forest Explorer will remain on-site for up to 6 hours to accommodate as many classrooms and groups as possible. Maximize use of the Forest Explorer at your school by:

- Coordinating with other teachers before making your reservation to ensure availability.
- Include Scout groups. Customized presentations can be developed through the Forest Explorer to help with merit badge related activities.

### **Think outside the box for funding!**

When considering the cost of Delivering the Forest Explorer to your school, keep in mind that one day of delivery can provide environmental education to over 200 students! The Forest Explorer is a bargain compared to the cost of transporting as many students to the forest. Below are some suggestions to help you off-set the cost of Delivering the Forest Explorer to your school:

- Ask students to pay 50 cents each.
- Arrange an aluminum can or plastic bottle recycling drive.
- Solicit donations from your local Rotary Club or other community organizations.
- Partner with Scout Troops—activities offered through the Forest Explorer could help Scouts earn a merit badge.
- Contact us to find out if grant funds are available to help with Delivery to your school.

## Exploring the Forest with First-Third Grade Classrooms

---

Below is a step-by-step outline of a typical classroom's forest experience followed by a description of activities offered for presentation to First through Third Grade Classrooms. Typically, 2-3 of the activities may be presented during a 45-60 minute time frame. If you have a request for presentation of a specific activity, please make the request to the Forest Explorer Delivery Team before arrival to the school site. If no request is received, the Forest Explorer Delivery Team will customize a presentation for your classroom.

### Outline of a Typical Forest Experience

1. Please divide students into groups before the Forest Explorer arrives; the number of groups will depend on the number of Forest Explorer Delivery Team Members (minimum of 2) and will be reported to you shortly after your reservation is confirmed.
2. A Forest Explorer Delivery Member will open with an oral pre-evaluation in the classroom.
3. Students are led from the classroom to the Forest Explorer and arranged in previously determined groups. Teachers should plan on staying with students while they engage in Forest Explorer activities.
4. Each group is presented with a different activity facilitated by a Forest Explorer Delivery Team member.
5. Groups rotate activities until each group has had the chance to participate in all activities presented.
6. A Forest Explorer Delivery Member will close the presentation with an evaluative question and answer session similar to the beginning session.
7. Students return to their classroom!

### A Description of First-Third Grade Level Activities

<b>Time Frame</b>	<b>Activity</b>	<b>Description of First-Third Grade Level Activity</b>	<b>Number of Students</b>
<b>5 min</b>	<b>Oral pre-evaluation</b>	This will take place in the classroom BEFORE students see the Forest Explorer.	<b>30-35</b>
<b>35 min</b>	<b>Neighborhood Habitat</b>	Students will explore plant and animal diversity by breaking into groups and categorizing trees, plants and animals to form a "neighborhood habitat".	<b>10-15</b>
<b>15 min</b>	<b>Get in Touch with the Forest</b>	Students will explore their sense of touch and communication skills by comparing and contrasting forest objects like pine cones, tree bark, leaves, twigs, nuts and seeds.	<b>10</b>
<b>15 min</b>	<b>Living in a Fire-Dependant Environment</b>	Students will investigate different ways humans have adapted to living in a fire-dependent environment to reduce the potential for loss of life and property during a wildfire.	<b>10-15</b>
<b>15 min</b>	<b>A Great Day in the Neighborhood</b>	Students will discover what inhabits the forest including an introduction of humans as an elemental part of the natural environment.	<b>10-15</b>
<b>5 min</b>	<b>Oral post-evaluation</b>	This will take place outside, away from the Forest Explorer.	<b>30-35</b>

## Exploring the Forest with Fourth-Sixth Grade Classrooms

Below is a step-by-step outline of a typical classroom's forest experience followed by a description of activities offered for presentation to Fourth through Sixth Grade Classrooms. Typically, 2-3 of the activities may be presented during a 45-60 minute time frame. If you have a request for presentation of a specific activity, please make the request to the Forest Explorer Delivery Team before arrival to the school site. If no request is received, the Forest Explorer Delivery Team will customize a presentation for your classroom.

### Outline of a Typical Forest Experience

1. Please divide students into groups before the Forest Explorer arrives; the number of groups will depend on the number of Forest Explorer Delivery Team Members (minimum of 2) and will be reported to you shortly after your reservation is confirmed.
2. A Forest Explorer Delivery Member will open with an oral pre-evaluation in the classroom.
3. Students are led from the classroom to the Forest Explorer and arranged in previously determined groups. Teachers should plan on staying with students while they engage in Forest Explorer activities.
4. Each group is presented with a different activity facilitated by a Forest Explorer Delivery Team member.
5. Groups rotate activities until each group has had the chance to participate in all activities presented.
6. A Forest Explorer Delivery Member will close the presentation with an evaluative question and answer session similar to the beginning session.
7. Students return to their classroom!

### A Description of Fourth-Sixth Grade Level Activities

<b>Time Frame</b>	<b>Activity</b>	<b>Description of Fourth-Sixth Grade Level Activity</b>	<b>Number of Students</b>
<b>5 min</b>	<b>Oral pre-evaluation</b>	This will take place in the classroom BEFORE students see the Forest Explorer.	<b>30-35</b>
<b>30 min</b>	<b>Every Tree for Itself</b>	Students will explore the cause and effect relationship between an organism and its environment by simulating how trees compete for their essential needs and predict how varying amounts of resources effect a tree's growth.	<b>10-15</b>
<b>30 min</b>	<b>Tree Cookie</b>	Using tree rounds, students will explore age and environmental influences on a single tree and extrapolate what they learn to achieve a greater understanding of overall forest health.	<b>10-15</b>
<b>10 min</b>	<b>Where did Fire Come From?</b>	This activity exposes students to the art of storytelling using a Native American story of how fire came to the people and sets the stage for discussion on fire-related adaptations to follow.	<b>30-35</b>
<b>15 min</b>	<b>A Great Day in the Neighborhood</b>	Students will discover what inhabits the forest including an introduction of humans as an elemental part of the natural environment.	<b>10-15</b>
<b>5 min</b>	<b>Oral post-evaluation</b>	This will take place outside, with backs to the Forest Explorer.	<b>30-35</b>

<b>Fee for Delivery</b>	<b>Cities and Communities included in each Area of Delivery (Areas may include but are not limited to the following Cities/Communities)</b>
<b>\$150</b>	Beaumont, Banning, Big Bear City, Big Bear Lake, Bloomington, Calimesa, Cherry Valley, Colton, Corona, Crestline, El Cerrito, Fontana, Glen Avon, Grand Terrace, Hesperia, Highgrove, Highland, Home Gardens, Lake Arrowhead, Lakeview, Loma Linda, Los Serranos, March AFB, Mentone, Mira Loma, Montclair, Moreno Valley, Muscoy, Norco, Nuevo, Ontario, Pedley, Perris, Rancho Cucamonga, Redlands, Rialto, Riverside, Rubidoux, Running Springs, San Bernardino, Sunnyslope, Upland, Victorville, Woodcrest, Wrightwood, Yucaipa
<b>\$250</b>	Acton, Adelanto, Alhambra, Aliso Viejo, Altadena, Anaheim, Apple Valley, Arcadia, Artesia, Avocado Heights, Azusa, Baldwin Park, Bell, Bell Gardens, Bellflower, Bradbury, Brea, Buena Park, Burbank, Cabazon, Canyon Lake, Cathedral City, Cerritos, Charter Oak, Citrus, Claremont, Commerce, Costa Mesa, Coto De Caza, Covina, Cudahy, Cypress, Desert Hot Springs, Desert View Highlands, Diamond Bar, Downey, Duarte, East Compton, East Hemet, East La Mirada, East Los Angeles, East Pasadena, East San Gabriel, El Monte, El Toro, El Toro Station, Fountain Valley, Fullerton, Garden Grove, George AFB, Glendale, Glendora, Hacienda Heights, Hawaiian Gardens, Hemet, Homeland, Huntington Beach, Huntington Park, Idyllwild-Pine Cove, Industry, Irvine, Irwindale, La Canada Flintridge, La Crescenta, Montrose, La Habra, La Habra Heights, La Mirada, La Palma, La Puente, La Verne, Laguna Beach, Laguna Hills, Laguna Niguel, Lake Elsinore, Lake Los Angeles, Lakeland Village, Lakewood, Lancaster, Littlerock, Los Alamitos, Lynwood, Mayflower Village, Maywood, Mission Viejo, Monrovia, Montebello, Monterey Park, Mountain View Acres, Murrieta, Murrieta Hot Springs, Newport Beach, North El Monte, Norwalk, Orange, Palmdale, Palmdale East, Palm Desert, Palm Desert Country, Palm Springs, Paramount, Pasadena, Pico Rivera, Placentia, Pomona, Portola Hills, Quail Valley, Quartz Hill, Rancho Santa Margarita, Romoland, Rosemead, Rossmoor, Rowland Heights, San Clemente, San Dimas, San Gabriel, San Jacinto, San Juan Capistrano, San Marino, Santa Ana, Santa Fe Springs, Seal Beach, Sedco Hills, Sierra Madre, South El Monte, South Gate, South Pasadena, South San Gabriel, South San Jose Hills, South Whittier, Stanton, Sun City, Temecula, Temple City, Thousand Palms, Trabuco Highlands, Tustin, Tustin Foothills, Valinda, Valle Vista, Vernon, Villa Park, Vincent, Walnut, West Covina, West Puente Valley, West Whittier, Los Nietos, Westminster, Whittier, Wildomar, Winchester, Yorba Linda
<b>\$300</b>	Agoura Hills, Alondra Park, Bermuda Dunes, Beverly Hills, Carson, Coachella, Compton, Culver City, Del Aire, El Segundo, Florence-Graham, Gardena, Hawthorne, Hermosa Beach, Hidden Hills, Indian Wells, Indio, Inglewood, Joshua Tree, La Quinta, Ladera Heights, Lawndale, Lennox, Lomita, Long Beach, Los Angeles, Manhattan Beach, Marina del Rey, Mecca, Morongo Valley, Palos Verdes Estates, Point Dume, Rancho Mirage, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates, San Fernando, Santa Clarita, Santa Monica, Signal Hill, Torrance, Twentynine Palms, Twentynine Palms Base, Val Verde, View Park-Windsor Hills, West Athens, West Carson, West Compton, West Hollywood, Westlake Village, Westmont, Willowbrook, Yucca Valley
<b>\$300+</b>	Alpine, Bonita, Bonsall, Borrego Springs, Bostonia, Brawley, Buellton, Calexico, Calipatria, Camarillo, Camp Pendleton South, Carlsbad, Carpinteria, Casa Conejo, Casa de Oro-Mount Helix, Channel Islands Beach, Chula Vista, Coronado, Del Mar, El Cajon, El Centro, El Rio, Encinitas, Escondido, Fallbrook, Fillmore, Granite Hills, Guadalupe, Harbison Canyon, Heber, Hidden Meadows, Holtville, Imperial, Imperial Beach, Isla Vista, Jamul, Julian, La Mesa, Lake San Marcos, Lakeside, Lemon Grove, Lompoc, Meiners Oaks, Mira Monte, Mission Hills, Moorpark, National City, Niland, Oak Park, Oak View, Oceanside, Ojai, Oxnard, Pine Valley, Piru, Port Hueneme, Poway, Rainbow, Ramona, Rancho San Diego, San Buenaventura (Ventura), San Diego, San Diego Country Estates, San Marcos, Santa Barbara, Santa Maria, Santa Paula, Santa Ynez, Santee, Seeley, Simi Valley, Solana Beach, Solvang, Spring Valley, Thousand Oaks, Valley Center, Vandenberg AFB, Vandenberg Village, Vista, Westmorland