UC Davis Arboretum
2009-10 Tour Seasons

Please note: Tours now begin at Wyatt Deck, on Old Davis Rd.

Important Changes: Due to a realignment of our tour themes with California State Standards, the “Explore Traditional Uses of Native Plants” tour is now being offered to 3rd grade classes in fall and the “Amazing Adaptations” tour is being offered to 4th grade classes in spring. This year, 3rd and 4th grade teachers may choose either the fall 3rd grade tour or the spring 4th grade tour. Teachers of 2nd grade may only sign up for the 2nd grade “Cycles of Life” tour in the spring.

3rd Grade Fall Tours
3rd Grade: Explore Traditional Uses of Native Plants
• History of Native Americans in California (particularly local Patwin people)
• Ethnobotany—Traditional Uses of Plants
• Native American games and cordage making

2nd and 4th Grade Spring Tours
2nd Grade: Cycles of Life
• Learn to identify the signs of spring
• Hands-on experience with plant, insect, and bird lifecycles
• Pre & Post-Visit classroom activities available online!

4th Grade: Amazing Adaptations
• Understand animal and plant adaptations to unique California environments
• Hands-on exploration of plant, insect, flower, and seed adaptations
• Pre & Post-Visit classroom activities available online!

To Schedule a Tour

Tour Dates: Fall (October 1-November 5, 2009)
Spring (April 6-May 20, 2010)
Tour Times: Tuesdays and Thursdays, 9:30-11:30 am
Fees: $5 per student. Free for chaperones and teachers.
Partial scholarships may be available. Contact Elaine Fingerett at (530) 754-5686 or efingerett@ucdavis.edu to discuss.
Download the tour application: http://arboretum.ucdavis.edu/School.htm

SPACE IS LIMITED—SIGN UP EARLY!
To schedule a field trip: Send a separate application form and check ($5 per student) for each class that would like to schedule a visit. Make checks payable to UC Davis Arboretum. Requests will be processed on a first-come, first-served basis and only after receipt of application form and payment. Once your tour is scheduled, you will be sent a confirmation packet, receipt, parking information. Pre and post-visit activities, confirmation packet, and information about the Arboretum are also available on our website, http://arboretum.ucdavis.edu/School.htm. If field trip dates fill before your class is scheduled, your check will be promptly returned. Teachers must supply one adult chaperone for every ten students. There is a maximum of 40 students per day.

Cancellation and Rescheduling

The fee is non-refundable if the teacher or the school cancels the field trip within five weeks of the scheduled date. Cancellations made the day of the tour (for any reason other than extreme weather) will not be refunded under any circumstances. Field trips cancelled due to severe weather may be rescheduled or refunded. Possible rescheduled tour dates depend on volunteer naturalist availability. If no naturalists are available, your tour may be cancelled (and in the case of bad weather, refunded).

We receive more requests for tours than we can accommodate. If you need to cancel or must reschedule, please do so as early as possible so that we may then offer your tour date to another class.

Mail check and application to Outdoor Education Program, UC Davis Arboretum, One Shields Ave, University of California, Davis, CA 95616. For more information, please call the Arboretum at (530) 752-4880.

Teacher name: ___________________________ Grade: ___________________________

Check Tour: Cycles of Life (2nd) Amazing Adaptations (4th) Traditional Uses of Plants (3rd)

Preferred Tour dates (please choose at least three): 1. ___________________________
Fall Season (Tues. and Thurs., Oct 1-Nov 5, ’09) 2. ___________________________
Spring Season (Tuesdays and Thursdays, Apr 6- May 20, ’10) 3. ___________________________
**2nd & 4th Grade tours in Spring ONLY** 4. ___________________________
3rd Grade tours in Fall ONLY

School: ___________________________ Number of students in class: ___________________________
Address: ___________________________ Teacher Name: ___________________________
City: ___________________________ Work phone: ___________________________
Zip: ___________________________ Home phone: ___________________________

Additional contact information

Email: ___________________________

(If person other than teacher is arranging this trip):

Contact person: ___________________________
Phone: ___________________________
Email: ___________________________

PLEASE COMPLETE 2ND SIDE OF APPLICATION
Your answers to the following questions will help the naturalists prepare a successful and memorable field study for your class. Please be specific. Thank you!

How will your class arrive (school bus, Unitrans, bike, private cars, etc.)? _____________________________

Will your class require a wheelchair accessible route or any other special accommodations?________________

How will the field trip to the UC Davis Arboretum tie in with your classroom study? Do you have specific topics you wish to cover on your tour (ex, specific plants, concepts?)
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________

2nd and 4th Grade Tours ONLY:
The Arboretum, in conjunction with the UC Davis School of Education and the UC Davis Science Education and Outreach program, has developed pre- and post-visit learning activities that complement the Arboretum tours. These activities will help students better understand the Arboretum tour content as well as regular class lessons in life science. The activities correspond to California Life Science standards for each grade. You can download these activities at our website: http://arboretum.ucdavis.edu/School.htm.

### 2nd Grade

Tour Theme: Both plants and animals have life cycles that include birth (germination), growth, reproduction, and death; and plants and animals interact during different stages of their life cycles.

<table>
<thead>
<tr>
<th>Pre-visit activities to help prepare the students</th>
<th>Post-visit activities to reinforce concepts and learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ A Coat for a Seed (dissect beans to learn the life cycle of a plant)</td>
<td>□ Grow Bean Seeds! (grow plants in the classroom and watch the life cycle unfold)</td>
</tr>
<tr>
<td>□ Plant Parts (use familiar foods to learn parts of the plant)</td>
<td>□ Ode to Plants (write creative, Arboretum inspired poetry about spring and plants. This activity was developed with California Poets in the Schools.)</td>
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<tr>
<td>□ Seed Need (explore the ways plants use animals to disperse their seeds)</td>
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### 4th Grade

Tour Theme: Plants have adaptations that help them to survive in different California environments.

<table>
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<th>Pre-visit activities to help prepare the students</th>
<th>Post-visit activities to reinforce concepts and learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>□ Bird Beaks (use different household tools to mimic bird beak diversity and learn about bird feeding adaptations)</td>
<td>□ Ode to Plants (write creative, Arboretum inspired poetry about animals and adaptations. This activity was developed with California Poets in the Schools.)</td>
</tr>
<tr>
<td>□ Butterfly Camouflage (simulate a butterfly's adaptation to its habitat through fun games)</td>
<td></td>
</tr>
</tbody>
</table>

2nd and 4th Grade Tours ONLY: