

 **RANDALL DAVEY Audubon**
CENTER
1800 Upper Canyon Road
Santa Fe, NM 87501

The Randall Davey Audubon Center in Santa Fe offers birders, families, students, teachers, photographers, hikers, and all who are interested in learning about the natural world a place to explore and discover.

- 135 acres of forest, meadow, pond & stream
- 2 miles of hiking trails
- Weekend birding walks
- Nature Store with a wide range of nature books, bird feeders, gifts and children's toys



Audubon

NEW MEXICO

Outdoor Education Programs
Fall 2009 and Spring 2010



**Connecting with nature:
Making a difference for conservation**

Programs for Younger Students

Discovery Walks

Grades: Pre K and Kindergarten

Using their five senses, our youngest scientists will explore and observe the treasures of our wildlife sanctuary. Students will learn how to respect nature while enjoying everything it has to offer.

Outdoor Science Programs

Kindergarten

Our popular outdoor science field trips can be modified in content for kindergarten classes. These classes are 1.5 hours in length.



Outdoor Education Programs

Nature's Neighborhood

(Suggested Grade: 1st) 3 hours—What natural things share our space? Our young scientists use compare and contrast skills to determine the needs of various organisms. Students explore our "natural neighborhood" to see how animals and plants get food, water, shelter space, air and sunlight at the Randall Davey Audubon Center.



Nature's Cycles

(Suggested Grade: 1st) 3 hours—How does nature change over time? The life cycles of plants and animals will come alive as we explore the Randall Davey Audubon Center's trails and treasures. Students will compare the life cycles of plants, animals and the seasons to the cycles in their own lives.



Outdoor Education at Randall Davey Audubon Center

Pricing Guide

RDAC Outdoor Science Programs

| Grade Level | Programs | Program Length | Cost | Number of Students | | | | | | | | | | | | | | | | | | | | |
|--|---|---|---|---|-----|-----------------------|-----------------|-----|-------------------|----------------------|-----|---------------------|--------------------|-----|-------------------------------------|--|-----|-------------------------------------|--|---------|-------------------|--|--|--|
| Pre-K, Kindergarten and group programs | Discovery Walk | 1.5 hours | \$100.00 | 25 or less* | | | | | | | | | | | | | | | | | | | | |
| | Modified Outdoor Science Field Trip | 1.5 hours | \$100.00 | 25 or less * | | | | | | | | | | | | | | | | | | | | |
| Grade 1 - 6 | Outdoor Science Program | 3.0 hours | \$150.00 | 25 or less* | | | | | | | | | | | | | | | | | | | | |
| | <table border="0"> <tr> <td></td> <td>Fall Program <i>(suggested)</i></td> <td>Spring Program <i>(suggested)</i></td> </tr> <tr> <td>1st</td> <td>Nature's Neighborhood</td> <td>Nature's Cycles</td> </tr> <tr> <td>2nd</td> <td>Pollination Power</td> <td>Insect Investigators</td> </tr> <tr> <td>3rd</td> <td>Wildlife Detectives</td> <td>Animal Adaptations</td> </tr> <tr> <td>4th</td> <td>Birds of a Feather Explore Together</td> <td></td> </tr> <tr> <td>5th</td> <td>Birds of a Feather Explore Together</td> <td></td> </tr> <tr> <td>6th-8th</td> <td colspan="2">Watershed Sleuths</td> </tr> </table> | | Fall Program <i>(suggested)</i> | Spring Program <i>(suggested)</i> | 1st | Nature's Neighborhood | Nature's Cycles | 2nd | Pollination Power | Insect Investigators | 3rd | Wildlife Detectives | Animal Adaptations | 4th | Birds of a Feather Explore Together | | 5th | Birds of a Feather Explore Together | | 6th-8th | Watershed Sleuths | | | |
| | Fall Program <i>(suggested)</i> | Spring Program <i>(suggested)</i> | | | | | | | | | | | | | | | | | | | | | | |
| 1st | Nature's Neighborhood | Nature's Cycles | | | | | | | | | | | | | | | | | | | | | | |
| 2nd | Pollination Power | Insect Investigators | | | | | | | | | | | | | | | | | | | | | | |
| 3rd | Wildlife Detectives | Animal Adaptations | | | | | | | | | | | | | | | | | | | | | | |
| 4th | Birds of a Feather Explore Together | | | | | | | | | | | | | | | | | | | | | | | |
| 5th | Birds of a Feather Explore Together | | | | | | | | | | | | | | | | | | | | | | | |
| 6th-8th | Watershed Sleuths | | | | | | | | | | | | | | | | | | | | | | | |
| * Field trips that exceed 25 students will be charged an additional \$25.00 fee. Groups of 35 or more are considered multiple classes. | | | | | | | | | | | | | | | | | | | | | | | | |

RDAC Outdoor Science Programs Scholarships:

A limited number of Outdoor Science Program Scholarships are available to the classes that qualify. Eligibility is based on financial need. For application materials, please contact Jeremy Philipp, Education Specialist, at jphilipp@audubon.org or 505.983.4609 ext. 27

Audubon Outdoor Science Programs

RDAC outdoor science programs offer interactive science activities designed to complement your science curriculum and fulfill New Mexico science standards. The educators at Randall Davey Audubon Center blend scientific concepts with literacy, reading, math, history, and inquiry. Classes are filled with hands-on activities and outdoor exploration.

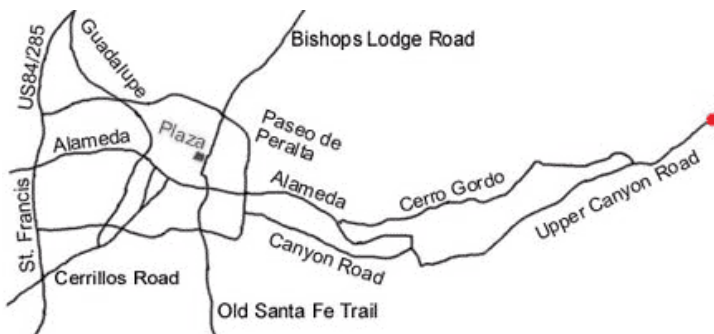


Program Setting

Your class will explore the natural world in our 1300-square-foot classroom, meadow, orchard, pond, canyon and hiking trails throughout our wildlife sanctuary nestled in the foothills of the Sangre de Cristo Mountains.

Directions to RDAC

From St. Francis Drive (US84/285), take Alameda east (towards the mountains). You will pass through several stoplights and 4-way stops. Eventually you will come to a light at Paseo de Peralta. Go straight, the road turns more residential at this point, and the Santa Fe River is on your right. You will meet 4-way stops at Delgado St. and Palace Avenue, and then the road will curve sharply to the right, and go over the river. At the next 4-way stop, which is the intersection with Upper Canyon Road, turn left. Follow this road until it ends; it dead-ends in our parking lot. The last mile is a curvy dirt road.



Outdoor Education Programs *(continued)*

Pollination Power

(Suggested Grade: 2nd) 3 hours—What is pollination? Who are the pollinators? Why is pollination so important to all of us? Become a Pollinator Protector as we answer these questions through hands-on observation and exploration. Build a human flower, pot up a pollinator plant seed to take home and explore the gardens to discover native pollinators,



Insect Investigations

(Suggested Grade: 2nd) 3 hours—Are all insects harmful? Do all insects grow the same way humans grow and develop? We will explore the lives of insects to investigate the adaptations and characteristics insects have that help them survive. Students will observe and discuss the relationship humans and insects have in our natural world.



Wildlife Detective

(Suggested Grade 3rd) 3 hours—Wildlife is all around us, all you have to do is look! Learn about some of the wild animals and plants that live in New Mexico and discover the clues they leave behind. Make your own animal track book to use at home and school. Become a wildlife detective as we take a hike seeking out tracks, nests, and other signs of animals.



Animal Adaptations

(Suggested Grade 3rd) 3 hours—Why do birds have beaks? How do deer stay warm in the winter? Our young scientists will discover and observe different physical and behavioral adaptations animals have for survival while exploring the trails of the Randall Davey Audubon Center. Students will try out some of the animal adaptations, communicate like an animal and even examine real samples up close!



Outdoor Science Programs *(continued)*

Birds of a Feather Explore Together

(Suggested Grade 4th and 5th)
3 hours—Our young scientists discover the physical and behavioral adaptations birds have made to successfully live in their environment. Students investigate bird anatomy and adaptations by looking at real beaks, nests, eggs and study skins. Meet our feathered friends up close as we learn to use binoculars and take a hike to observe and identify birds around our wildlife sanctuary.



Watershed Sleuths

(Suggested Grade 6th - 8th) 3 hours—What is a watershed? How does geology affect the living

things in an area? Become a naturalist as you take an exploratory hike through our wildlife sanctuary and beyond to learn about the geologic and natural history of the mountains around Santa Fe. Peek under rocks to see who lives there, search for signs of animals, practice the art of classification as we identify plants and trees, record observations in your journal. See how the geology of the area affects the ecosystems found near Randall Davey Audubon Center. Visit a pond, riparian area, and forest to discover their secrets! *This class involves a minimum of a 2-mile hike and is only for the most adventurous of classes.*

How to Schedule a Program

Please call the Education Department at (505) 983-4609 or visit <http://nm.audubon.org> for an e-registration form.

Reservations begin on September 1, 2009.

Time:

Field trip classes are offered Monday through Friday for the fall and spring. Most field trips occur in the morning, but other times are available. Please ask about available times when registering.

Special Requests:

All programs are available in English, Bi-lingual or Spanish. Other program modifications or special requests must be approved by the Education Department at the time of your reservation booking.

Transportation:

Teachers are responsible for scheduling their own transportation to and from the Randall Davey Audubon Center.

Lunch:

Feel free to bring a picnic lunch to enjoy at our outdoor eating area and/or explore our trails on a self-guided hike after the program at no additional charge.

Confirmation:

Confirmation will be sent via email after reservations are complete.

Cancellation:

Due to the high number of last-minute cancellations and the growing demand for our education programs, pre-payment for all programs is required. Once you receive your confirmation, you will have to send payment and return your completed contract prior to your trip or you will forfeit your reservation. Purchase orders, checks, or Visa or MasterCard payments are acceptable. If a cancellation is made at least one week in advance, you will receive a full refund. *Classes cancelled within one week of your scheduled date will receive full tuition less a \$25 administration fee, with the exception of classes cancelled due to inclement weather.*