

# Classroom Connections



**Your Local Resource for Pre-K-12  
Field Explorations & Science Education**



# Hands-on Programs for All Ages at the Aldo Leopold Nature Center!

Where High Tech Meets High Touch!

The Aldo Leopold Nature Center's award-winning, hands-on outdoor education programs focus on a "learning by doing" approach to connecting science, technology, society and the natural world. Taught by experienced naturalists and enhanced by state-of-the-art multi-media experiences and restored native habitats, these programs create exciting learning opportunities for all ages. Most programs are offered at two convenient locations, in Monona and Black Earth, and afterschool programs, service projects, and bilingual programs are also available!

## Our programs meet your needs:

ALNC programs are designed to address Wisconsin Academic Standards and Common Core Standards in many subject areas, and are constantly updated to correlate and complement FOSS Science curriculum and Next Generation Science Standards. Our programs are tailored to meet your curriculum with experience-rich content for all ages, integrating STEM and cutting-edge science and technology. Students enjoy individual attention with low student to naturalist ratios, and we have accessible trails and adaptive equipment available to accommodate student needs. If you have questions about any of the programs outlined on the following pages, or can't find what you're looking for, just ask! We look forward to helping your students connect with nature this year!

Stunning shows on Science on a Sphere



Guided hikes with trained naturalists





# Hands-on Programs for All Ages at the Aldo Leopold Nature Center!

## Nature Center Features include:

- Two convenient program locations, in **Monona** and **Black Earth**
- Interpretive trails through **100+ acres of native prairie, pond, and woodland habitats**, featuring native plants and wildlife
- **Science on a Sphere**: a suspended 6-foot globe with astonishing HD images of global weather, outer space, and science in action
- **Storms 360°**: an immersive theater featuring a customized show, 'Wisconsin's Weather,' a fly-through weather experience
- Renewable energy and sustainability demonstrations programs
- **Nina Leopold Bradley Phenology Center**, a replica **Leopold Shack**, and **Interpretive Phenology Gardens**
- **Scientific tools** available for guided nature observation and hands-on exploration of habitats and exhibits
- Self-guided exhibit exploration of the **Climate Science Education Center** available as an add-on to any program

Check out our **NEW Educator Web Portal** at [www.aldoleopoldnaturecenter.org/EdWeb](http://www.aldoleopoldnaturecenter.org/EdWeb) for pre and post visit activities, links to curriculum and standards, program outlines and more teacher resources!

**ALDO**  **LEOPOLD**  
**NATURE CENTER**



**GRADE**



**TOPIC**



**SUBJECT**



**ADDITIONAL RESOURCES**



**PROGRAM LISTING**

Wisconsin wildlife in native habitats



Learning Leopold's legacy at the Shack





## Grades Pre K-2

### Air and Weather (FOSS 1-2)

Hands-on activities help students learn the concepts of wind speed, the water cycle, cloud types, and temperature. Students will have the opportunity to use different weather tools ranging from anemometers to simple flags as they compare weather observations between the prairie, woods, or pond habitats. We'll also visit our Science On a Sphere to view Earth from space as we learn about our planet, water vapor, clouds and view real-time weather satellite images. *Partners well with add-on self-guided exploration of interactive exhibits.*

### Animal Tracks and Signs

Students will learn how to investigate the lives of animals through the tracks and other signs they leave behind. Games, a nature hike and a hunt for animal tracks are included. Great program for winter exploration! *Partners well with Snowshoe Science.*

### Animals 2X2 (FOSS K)

Students will turn over logs, look under rocks and dip in the pond in search of animals. We'll observe animal behaviors as well as compare and contrast their structures and habitats. We'll also learn how to sort and classify our finds and use study mounts to discuss the adaptations of various Wisconsin mammals, birds, reptiles, fish and amphibians.

### Changes Over Time

The Earth is constantly changing and scientists have made observations of these changes over many years. Students will learn the difference between short-term changes such as weather and seasons, and long-term changes such as climate and animal adaptations. We'll visit "The Children's Shack" to observe changes in people's lifestyles and record our observations to create our own records to study. *Partners well with add-on self-guided exploration of interactive exhibits.*

### Fun with the Sun

What is energy? Where does it come from? Students will answer these questions as they investigate different forms and sources of energy. We'll learn about energy transfer through food chains and how renewable resources help with energy conservation. *Partners well with add-on self-guided exploration of interactive exhibits.*

### Habitats

Discover how each organism meets its basic needs for food, water, shelter and space in order to survive. Through a hike, hands-on activities and a puppet show, we'll investigate the prairie, pond and forest habitats of the Nature Center, compare the animals and plants we find, and explore how each habitat supports life. Pond dipping included when possible.

**School-Year Special: Attend any field trip program at the Aldo Leopold Nature Center and qualify for a second program on the same day at half price!**



## Grades Pre K-2 continued

### **Incredible Insects (FOSS 1-2)**

Journey to the pond in search of aquatic insects and take a hike through the prairie to inspect galls and ant hills. A puppet show will illustrate the two types of insect metamorphosis and students will see insect collections up close. A pond dip will give students hands-on experience catching and observing aquatic insects from various life cycle stages: larvae, pupae, nymphs and adults.

### **Maple Syruping in Wisconsin**

*(Aligned with 4th grade curricula objectives but adaptable for grades K-5.)* This program is only offered for two weeks in March — 2015 dates are March 16-27. Students will learn basic tree identification, try tools used to “tap a tree,” taste sap, learn the science of sap flow and watch it cook down to syrup during the boiling process. We will teach the history of maple syrup making from the Native Americans to the present—and taste the final product! *Adapts easily to a longer program and works well with add-on self-guided exploration of interactive exhibits.*

### **Pebbles, Sand and Silt (FOSS 1-2)**

Students will observe, describe, and sort earth materials based on size, texture, and other properties. We’ll explore places where earth materials are found and discuss how they are used. After reading *Everybody Needs a Rock*, students will “adopt”

their own rock. Finally, we’ll hike to the woods to talk about soil creation and search for critters that call soil home!

### **Pioneer Living (2nd Grade and up)**

Wisconsin’s rich cultural history comes to life as students take on roles of early pioneer settlers in Wisconsin in the 1850’s. Students will experience a variety of activities first-hand including games and household chores, like fetching water, churning butter, washing laundry and grinding grain. Students will step back in time as they enter our one-room “Shack” to hear stories and see pioneer tools. *Adapts well to a longer program.*

### **Plant Life (FOSS Plants & Animals 1-2)**

Students will observe the diversity of the plant kingdom on a hike through the prairie, woodland and wetland habitats. We’ll study the structure and function of plant parts and learn what all plants need to survive. Students will also record their observations through writing and drawing in a journal.

### **Pond and Marsh**

One of our most popular programs introduces students to the interconnected community of the pond and marsh. This interactive, hands-on program allows students to discover fascinating pond critters while heightening their skills of observation and investigation.

**School-Year Special: Attend any field trip program at the Aldo Leopold Nature Center and qualify for a second program on the same day at half price!**



## Grades Pre K-2 continued

### Seasonal Discovery

There's always something new happening at the Nature Center! Students will learn to observe how plants and animals respond to seasonal changes.



*Fall* – Sunny prairie flowers, sticky seeds, migrating birds, scurrying squirrels and falling leaves



*Winter* – Animal tracks, snow crystals, tree skeletons, hardy birds, burrowing mammals



*Spring* – Woodland wildflowers, bursting tree buds, chorusing frogs, birds returning north, emerging insects

### Snowshoe Science (2nd grade and up)

Snowshoeing is a great way to enjoy winter and stay healthy! After introducing the history of snowshoeing and learning about various styles, each student will be given a pair of snowshoes and we'll head out across the snow covered prairie to learn basic snowshoeing skills and techniques. Along our hike, we'll stop and observe weather, tracks, watch for winter birds and other seasonal highlights. *Adaptive winter equipment available. Offered January through mid-March; conditions permitting.*

Can't find what you're looking for?  
Just give us a call!  
Program topics and lessons can be tailored to fit the specific needs of your group.

### Trees (FOSS Trees & Weather K)

Students will learn all about trees, leaves and seeds on a hike through woodland and savanna habitats. We'll match leaves with common geometric shapes and compare leaf types (simple, compound, toothed, lobed). We'll also take leaf rubbings to make a leaf book and watch a puppet show about seeds. *Partners well with Air & Weather.*

### Using All the Senses

The call of a frog, the scent of a trail, the shape of a leaf, and the texture of bark are all ways to identify plants and animals. Students will learn techniques to improve sensory observation skills while investigating the sights, smells, sounds and feel of everything around us.

### Wintering in Wisconsin

Where do woodland animals go when the snow flies? Students will learn about true hibernators like the groundhog and deep sleepers such as the chipmunk during this program. They'll also take an up-close look at the Nature Center's study mounts and explore the grounds on a nature hike! *Partners well with Snowshoe Science.*



## Grades 3-5

### All About Birds

"You always can tell what a bird does eat when you look at its beak and you look at its feet." Students will use binoculars to birdwatch through the woodland, pond and prairie and explore avian adaptations during this exciting program.

### All About Energy!

What is energy? Where does it come from? Students will answer these questions as they investigate different forms and sources of energy. We'll learn about energy transfer through food chains and how renewable resources help with energy conservation. *Partners well with add-on self-guided exploration of interactive exhibits.*

### Changes Over Time

The Earth is constantly changing and scientists have made observations of these changes over many years. Students learn the difference between short-term changes such as weather, and long-term changes such as climate and animal adaptations. We'll visit "The Children's Shack" to observe changes in people's lifestyles and record our observations. *Partners well with add-on self-guided exploration of interactive exhibits.*

### Communities (FOSS Living Systems 4-6)

Aldo Leopold wrote: "When we see land as a community to which we belong, we may begin to use it with love and respect." During this program, we will define, compare and contrast the pond, marsh, prairie and woodland communities found at the Nature Center. Pond dip included when possible.

### Crazy About Climate

Find out about the science behind climate and how and why our climate is changing. Through interactive investigations, students will learn the concepts behind the carbon cycle, greenhouse effect and other scientific phenomenon that contribute to climate change. We will then innovate and create solutions that reduce these effects. *Adapts well to a longer program and partners with add-on self-guided exploration of interactive exhibits.*

### Early Native American Life

Take a trip back in time to see how Native Americans lived long ago. A hands-on timeline will demonstrate what foods and tools they depended on and how these changed over time. Students will hike up the drumlin to view Native American mounds and discuss what they are, how they were made and why they are here. *Adapts well to a longer program.*

### Glaciers: Past, Present and Future

Learn about the glaciers that formed the landscape of Wisconsin and what formations they made along the way. Students will hike a glacial drumlin to see the work of glaciers first-hand, observe a model glacier and learn how the earth's glaciers of today are changing. See how powerful glaciers really are and how they influenced human settlement in Wisconsin and their role in a global ecosystem. *Partners well with add-on self-guided exploration of interactive exhibits.*

**School-Year Special: Attend any field trip program at the Aldo Leopold Nature Center and qualify for a second program on the same day at half price!**



## Grades 3-5 continued

### Introduction to Map Reading

This program begins indoors where students are introduced to a variety of maps. After instruction on how to use components of the map, students will venture forth, with maps in hand, to find the “nature treasures” hidden on our grounds. Use of a compass is optional. *Adapts well to a longer program.*

### Leopold's Life and Legacy

As they learn about the Leopold family's legacy and how Aldo's land ethic influences conservation efforts even today, students will hike the woods, prairie, and pond areas surrounding the Nature Center and spend time in the Children's Shack. Partake in some of Aldo Leopold's favorite past-times such as bird watching, tree identification, or land restoration. We'll record our observations in the Nina Leopold Bradley Phenology Center. *This program combines well with Nature Journaling.*

### Maple Syruping in Wisconsin - Past and Present

*(Aligned with 4th grade curricula objectives but adaptable for grades K-5.)* This program is only offered for two weeks in March—2015 dates are March 16-27. Students will learn basic tree identification, try tools used to “tap a tree,” taste sap, learn the science of sap flow and watch it cook down to syrup during the boiling process. We will teach the history of maple syrup making from the Native Americans to the present—and taste the final product! *Adapts easily to a longer program and works well with add-on self-guided exploration of interactive exhibits.*

### Math in Nature

If you were a frog, how far could you leap? How can we estimate the height of a tree? Ever guess how old a tree is? Naturalists lead students in math-in-nature activities with the help of measuring tools, formulas and observation skills.

### Nature Journaling

Aldo Leopold's fame can be largely attributed to his skill as a nature writer. In Leopold fashion, students will begin by heightening their observational skills. Students will be given the opportunity to sketch from nature and practice descriptive writing in journals. Students may bring their own journals or use the Nature Center's simple journal page. *This program combines well with Leopold's Life and Legacy.*

### Orienteering (4th grade and up)

“Put Red in the Shed and follow Fred.” If you can say this sentence, you can use a compass! Students learn the parts of a compass and how to use them as well as basic orienteering techniques. Then, students will apply those skills through games and pre-set courses on site.

### Outdoor Survival

Anyone could find themselves in a situation where they need to use survival skills. Not only must we respect natural forces but also learn what nature provides to help us survive. Learn how to dress appropriately, pack a survival kit and work cooperatively to develop a strategy when faced with a crisis situation. Students work in teams to build a fire, boil water and make a shelter. *Partners well with Snowshoe Science.*



## Grades 3-5 continued

### Pioneer Living

Wisconsin's rich cultural history comes to life as students take on roles of early pioneer settlers in Wisconsin in the 1850's. Students experience a variety of activities first-hand - games, household chores, fetching water, churning butter, washing laundry and grinding grain. Students step back in time as they enter our one-room "Shack". *Adapts well to a longer program.*

### Seasonal Discovery

There's always something new happening at the Nature Center! Students will learn to observe how plants and animals respond to seasonal changes while enjoying the best of each season.

### Snowshoe Science

Snowshoeing is a great way to enjoy winter and stay healthy! After introducing the history of snowshoeing and learning about various styles, each student will be given a pair of snowshoes and we'll head out across the snow covered prairie to learn basic snowshoeing skills and techniques. Along our hike, we'll observe seasonal highlights. *Offered January through mid-March; conditions permitting. See back page for adaptive winter equipment.*

### Structures of Life (FOSS 3-4)

Students will observe and compare organisms through examination of study mounts and a pond dip to learn the adaptations of animals in different habitats. We'll categorize animals through careful observation of physical characteristics. On a hike through the woodland and prairie, students will also discuss seed structure function, and dispersal.

### Water (FOSS 3-4)

Follow water through the water cycle and investigate the impacts of evaporation and condensation on earth's weather, using Science on a Sphere. Students will get their hands wet as they explore the pond and discover the connection between water quality and aquatic life. We'll also experiment how water moves through different types of soil.

### Weather Forecasting (FOSS Weather on Earth 4-6)

After learning about weather and collecting data on today's weather patterns, students will create a weather forecast for the next day. We'll explore the differences between weather and climate, learn how the earth's climate is changing, and discuss factors that play into this change. *Adapts well to a longer program and partners well with add-on self-guided exploration of interactive exhibits.*

### Winter Ecology

How do animals survive the winter? Discover which animals hibernate and which ones stay to endure the season. Students hike the grounds to learn about the ecological importance of snow cover and ice on ponds! We'll also look for signs of animals that stay all winter. *Partners well with Snowshoe Science.*

### Wonderful Wetlands

What is considered a wetland and how do we know? Students visit marsh and pond habitats, comparing and contrasting their characteristics. This program includes pond dipping, wetland study mounts, and a hike to observe wildlife while discussing the benefits of wetlands.

**School-Year Special: Attend any field trip program at the Aldo Leopold Nature Center and qualify for a second program on the same day at half price!**



## Grades 6-12

### **Animal Tracking**

“January Thaw,” an essay found in Leopold’s *A Sand County Almanac*, kicks off this program as an introduction to how to read the landscape to discover the secret lives of animals. Students will discover the skills of observation and inference as we search for types of animal signs, learn typical track pattern classification, and hit the trails to uncover the stories the land can tell. Skins and skulls are included in this program. *Great for a winter program! Partners well with Snowshoe Science.*

### **Aquatic Field Studies (FOSS Environments 4-6)**

Naturalists will guide students in a detailed aquatic field study of a wetland or pond system at the Aldo Leopold Nature Center. Students will work in teams to gather data on the biotic and abiotic factors of an aquatic system. Using scientific tools, we will measure pH, temperature, dissolved oxygen, and invertebrate biodiversity. Students will learn the relationships between these factors, and discuss the potential impact of human activities on aquatic systems.

### **Changes Over Time**

Aldo Leopold once wrote, “keeping records enhances the pleasure of the search”. Students will make and record observations about the natural world. We’ll add these to Leopold’s historical data and analyze the data for any changes over time. We’ll discuss the difference between short and long-term changes and examine the natural processes and human activities that can influence these changes. *Partners well with add-on self-guided exploration of interactive exhibits.*

### **Crazy About Climate!**

Find out about the science behind climate and how our climate is changing. Through interactive investigations, students will learn the concepts behind the carbon cycle, greenhouse effect and other scientific phenomenon that contribute to climate change. We then innovate and create solutions that reduce these effects. *Adapts well to a longer program and partners with Energy and Society and/or add-on self-guided exploration of interactive exhibits.*

### **Earth History (FOSS 6-8)**

Students will learn about Wisconsin’s unique geological story as they investigate Earth’s processes and systems. We will visit our Science on a Sphere to explore volcanoes, earthquakes, and plate boundaries and see how they impact life on earth. *Partners well with Changes Over Time and/or add-on self-guided exploration of interactive exhibits.*

### **Energy 101**

Energy! Constantly flowing, driving, and transforming the physical shape of the earth and the biological processes of its living organisms. Students will learn that energy always follows natural laws. Hands-on experiments and observations involving heat transfer, power measurement and decomposition will be conducted. *Partners well with Energy and Society and/or add-on self-guided exploration of interactive exhibits.*

### **Energy and Society**

All human energy sources have advantages over others. Some pollute less, some are cheaper and some last forever. In this program, students will examine their own energy use



## Grades 6-12 continued

and some of its costs and benefits while exploring alternatives. Students will see energy conservation first-hand through green practices at ALNC, consider the impact of human energy use on global resources and innovate ways to conserve and use resources sustainably. *Partners well with Crazy About Climate, and/or add-on self-guided exploration of interactive exhibits.*

### **Forest Diversity (Black Earth only)**

How does topography influence what plants are found in an area? Using data collection techniques, students will conduct a forest survey to measure both the biotic and abiotic components of two areas in a forest ecosystem and compare what communities thrive on north vs. south-facing slopes.

### **Forest Math**

Students will find there is plenty of math lurking in the forest during this program as they are introduced to tools and techniques utilized by foresters to determine the diameter of trees, calculate board feet and determine the age of a tree. We'll also discuss options for careers in forestry and the knowledge needed for these jobs.

### **Glaciers: Past, Present and Future**

Learn about the glaciers that formed the landscape of Wisconsin and what formations they made along the way. Students will hike a glacial drumlin to see the work of glaciers first-hand, observe a model glacier and learn how Earth's glaciers of today are changing. Come away with an understanding of how powerful glaciers really are and their role in a global ecosystem. *Partners well with add-on self-guided exploration of interactive exhibits.*

### **Leopold's Life and Legacy**

As they learn about the Leopold family's legacy and how Leopold's land ethic influences conservation efforts even today, students will hike the woods, prairie and pond areas surrounding the Nature Center and spend time in the Children's Shack. We'll partake in some of Aldo Leopold's favorite past-times such as bird watching, tree identification, or land restoration and record our observations in the Nina Leopold Bradley Phenology Center. *Partners well with Nature Writing or Changes Over Time.*

### **Nature Writing**

Aldo Leopold's fame can be largely attributed to his skill as a nature writer. In Leopold fashion, students will become nature writers, using journaling and sketches to record their observations about the natural world. This program enhances writing and observational skills, encourages attention to detail, and teaches the Leopold legacy. *Partners well with Leopold's Life and Legacy and Changes Over Time.*

### **Orienteering**

#### **(Add Geocaching component for an all-day adventure!)**

Students will learn the parts of a compass, how to hold and use it properly, and pacing. We'll lead them through some introductory initiatives, and then test their skills on two challenging outdoor orienteering courses. For advanced groups, this course can also be done as a competitive orienteering course by using a topographical map and determining their own bearings and pacing.

**School-Year Special: Attend any field trip program at the Aldo Leopold Nature Center and qualify for a second program on the same day at half price!**



## Grades 6-12 continued

### Outdoor Survival

Anyone could find themselves in a situation where they need to use survival skills. Not only must we respect natural forces but we must also learn what nature provides to help us survive. We will learn how to dress for the weather, pack a survival kit and work cooperatively to develop a strategy when faced with a survival situation. Students will also work in teams to build a fire, boil water, and make a debris shelter. *Partners well with Snowshoe Science.*

### Small Mammal Ecology

“Pest” rodents like mice, voles, moles and shrews are essential to the food chain. Students will look for signs in local habitats and explore adaptations by looking at small mammal skeletons up close and by dissecting an owl pellet. We may even see a small mammal through live trapping!

### Snowshoe Science

Snowshoeing is a great way to enjoy winter and stay healthy! After introducing the history of snowshoeing and learning about various styles, each student will be given a pair of snowshoes and we'll head out across the snow covered prairie to learn basic snowshoeing skills and techniques and observe seasonal highlights. *Adaptive winter equipment available. Offered January through mid-March, conditions permitting.*

### Team Building

What are the attributes of a good team and why are teams important? In this program, students will be given progressively more difficult “initiative games” to challenge their problem solving, creative thinking and communication skills. Our Naturalists will select the best initiatives to help your class build trust and cooperation and work to achieve a common goal in a physically safe environment.

### Tree I.D.

In this program, students will discover how to use a dichotomous key to identify some of Wisconsin's most common tree species. Using a map and key, students will then work in teams to test their newly acquired skills on our tree ID course. *This program can be done in either spring/fall when leaves are present or in winter by using a tree bud ID key.*

### Wildlife Ecology

Aldo Leopold wrote, “When we begin to see the land as a community to which we belong, we may begin to use it with love and respect”. Students investigate the dynamic interrelationships of wildlife populations and their habitats. Through explorations, we will learn about ecosystems, carrying capacities, natural selection and their effect on populations. We will also discuss the impact biodiversity has on the health of a community. *Partners well with Changes Over Time or Snowshoe Science.*

### Winter Ecology

Students will hike the Nature Center grounds to learn about the ecological importance of snow cover and how ice thickness can affect ecological populations. We'll also look for signs of animals that are still around during the cold months and how they survive Wisconsin winters. *Partners well with Snowshoe Science.*

### Wisconsin's Wacky Weather

After learning about weather and collecting data on today's weather patterns, students will create a forecast for the next day. We'll explore differences between weather and climate, learn how Earth's climate has and is changing, discuss factors that play into this change and consider the effects of our actions. *Partners well with Crazy About Climate and/or add-on self-guided exploration of new interactive exhibits.*



# Can't make it out to the Nature Center?

## We can bring nature programs to you!

Programs range from indoor, group presentations to outdoor, small group field experiences that utilize your school forest or school yard for outdoor exploration and activities.

## At-School & Naturalist in Residence Programs

### All About Birds

Students will learn "how birds make a living" with a hands-on station activity and examine bird study mounts up close. A hike with binoculars is included in the outdoor program.

### Animal Tracks

Students will learn how to "read" tracks and trails and make a track field guide to keep. A hike for animal signs is included in the outdoor program.

### Creepy Critters

Students will learn amazing facts about the adaptations of some of Wisconsin's "creepiest" critters. Sing songs and learn hands-on all about spiders, snakes, bats, and worms. Discover the many ways these creatures are important to our ecosystems. Live specimens may accompany this program when available.

### Marsha Muskrat

Receive a special visit from our walking and talking "Marsha Muskrat," who will explain how her special adaptations allow her to survive and thrive in her wetland home.

### Early Native American Life

Take a trip back in time to see how Native Americans lived long ago. A hands-on timeline will demonstrate what foods and tools they depended on and how these changed over time.

### Orienteering

Students will learn how to use a compass and basic orienteering skills. Demonstrative games and student created orienteering courses are included in the outdoor program.

### Skins and Skulls

Students examine study mounts, skins and skulls of some common Wisconsin mammals to learn their adaptations & natural history.

### The Lorax

Children will "become" Swomee Swans, Brown Bar-ba-loots and Humming Fish as they enjoy this interactive reading of Dr. Seuss's classic tale.

### The Mitten

Enjoy an interactive reading of this classic tale about animals in winter, then explore study mounts and animal skins.

### Wintering in the Woods

Students will learn where woodland animals go when the snow flies as they see study mounts up close. A hike for animal signs is included in the outdoor program.

**Program Fee:** \$60 per 35-45 minute presentation (30 youth maximum per group). A \$0.56 per mile round-trip charge applies for presentations outside the Monona area. Mileage fee subject to change based on federal mileage rate.

## Naturalist In Residence

ALNC's successful Naturalist in Residence program brings teachers and students quality science education that focuses on hands-on, inquiry-based learning at your school. Our residency programs partner a skilled ALNC naturalist with schools to use natural areas close to your school for outdoor-oriented, inter-disciplinary, project- and place-based learning. We can custom-design our residencies to meet the unique needs of your school.

Pricing is dependent on length of visit and program requested. To get a quote for one of our Naturalist in Residence programs for your school, give us a call at (608) 221-0404 ext. 1.





# Program Information & Fees

- Most programs fit well into a **90-minute program**, but some can be adjusted to allow for longer exploration, additional activities or more in-depth investigation. **Program Times: 8:45-10:15 am; 10:45 am-12:15 pm; 12:45-2:15 pm** (can be adjusted to meet your needs)
- Combine programs for a **full day trip** - groups are welcome to bring bag lunches and have an outdoor picnic!
- Special requests will be accommodated to the greatest extent possible.
- All programs are held **rain or shine**; please dress appropriately for the weather and season!
- Buildings may be used for a portion of the program and in inclement weather.
- **Overnight program** options are available at our Black Earth Campus.
- **Service Learning Components** can often be added upon request.
- ALNC can typically accommodate up to 160 students.



## Program Fees

- **Peak Season (April 1-November 15): \$50/naturalist for 90-minute; longer program price adjusted accordingly.**
- **Non-Peak Season (November 16-March 31): \$40/naturalist for 90-min program; longer program pricing adjusted accordingly.**
- **Naturalist: Student ratio is 1:10 preK-2nd grade; 1:12 for 3rd-12th grade. (See Pricing Guide Below)**
- **All teachers, aides, and one chaperone per naturalist are free; addl. chaperones are \$3 each.**
- **Self-guided exploration of the interactive exhibits available as an add-on to your field trip for \$2/student. Please allow 1 hour for this option and let us know when booking your field trip**

# of Students Pre-K-2nd	# of Students 3rd - 12th	# of Naturalists	Peak Price 1.5 hr program	Non-Peak Price 1.5 hr program	2 back-to-back pro- grams (peak/non-peak)
1- 10	1-12	1	\$ 50	\$ 40	\$ 75/\$ 60
11- 20	13-24	2	\$100	\$ 80	\$150/\$120
21- 30	25-36	3	\$150	\$120	\$225/\$180
31- 40	37-48	4	\$200	\$160	\$300/\$240
41- 50	49-60	5	\$250	\$200	\$375/\$300
51- 60	61-72	6	\$300	\$240	\$450/\$360
61- 70	73-84	7	\$350	\$280	\$525/\$420
71- 80	85-96	8	\$400	\$320	\$600/\$480
81- 90	97-108	9	\$450	\$360	\$675/\$540
91-100	109-120	10	\$500	\$400	\$750/\$600
101-110	121-132	11	\$550	\$440	\$825/\$660
111-120	133-144	12	\$600	\$480	\$900/\$720

**Remember: If you attend any field trip program at the Aldo Leopold Nature Center, you will qualify for a second program on the same day at half price! Additionally, if you schedule your two programs, you will qualify to receive a bus reimbursement for up to \$80 per bus through Nature Net's "Nature Express" program! Call us or check out <http://www.naturenet.com/express.html> for more info!**



# Field Trip Registration

## THREE EASY WAYS TO REGISTER:

CALL (608) 221-0404 x1

EMAIL [ALNCREG@NATURENET.COM](mailto:ALNCREG@NATURENET.COM)

OR REGISTER ONLINE AT [ALDOLEOPOLDNATURECENTER.ORG](http://ALDOLEOPOLDNATURECENTER.ORG)

*(Online registrations are not confirmed until you are contacted by ALNC)*

### Before Your Visit:

- Register for all programs and add-ons, and provide ALNC with all contact information.
- Send payment by mail (Or bring payment to ALNC on the day of your field trip.)
- Call with changes to attendance numbers or cancellations - requires two weeks notice. *(Note: Any changes after this point will result in a full charge.)*
- Let ALNC know if you would like a Spanish-speaking naturalist. Two weeks advance notice required for this request.
- Let ALNC know what current vocabulary and pre-visit preparation information is being covered in class so that they can better tailor the program to meet your needs.
- Provide ALNC with information about students with special needs or other considerations.
- Check out Nature Net's Nature Express Program, [naturenet.com/express.html](http://naturenet.com/express.html), to see if you might be eligible for bus funding.



Jane Goodall's  
**Roots & Shoots**

ALNC is now an official Roots & Shoots site, offering service learning based environmental field trips for youth ages 4-18. Roots & Shoots, a program of Dr. Jane Goodall, places power and responsibility for creating community-based solutions to big challenges in the hands of young people.

Service projects at ALNC include community mapping, invasive species removal, and aquatic restoration.

Schools and community organizations can also request a traveling naturalist to help them plan an on-site Roots & Shoots service project.



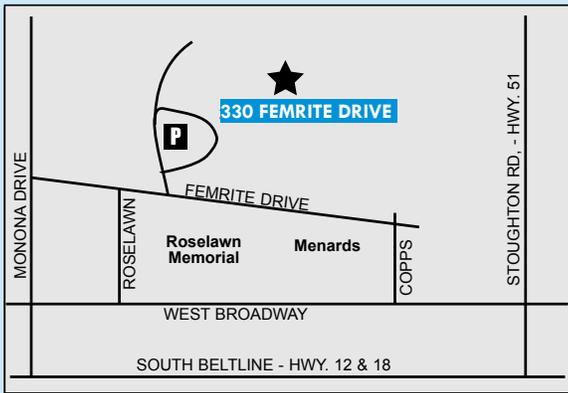
For more information or to arrange a Roots & Shoots Service Project, contact the ALNC Team!



## Monona Highlights

ALNC's Monona Campus features access to nearly 100 acres of outdoor classroom for nature discovery.

ALNC's hands-on 'high-tech, high-touch' approach integrate STEM learning with interactive exhibits and nature observation. Students can explore our prairie, woodland and pond habitats, learn Aldo Leopold's legacy at "The Children's Shack," and visit onsite glacial landforms and Native American mounds!



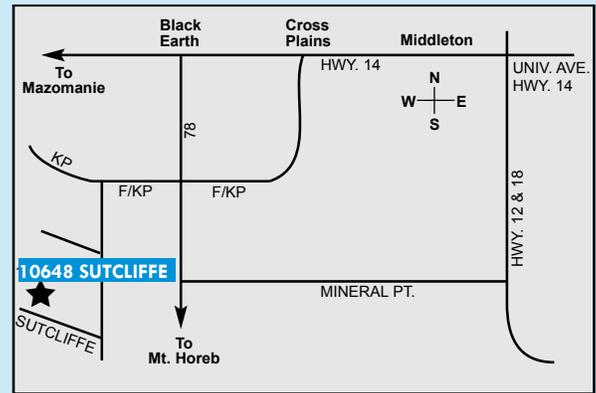
### Monona Campus

#### 330 Femrite Drive, Monona, Wisconsin

This site is located on a 21-acre conservation park, adjacent to Madison's Edna Taylor Park and Monona's Woodland Park. Take the Beltline (Hwy 12-18) to Monona Drive. Exit north and continue through the Monona Drive/Broadway Street intersection. Turn East (right) onto Femrite Drive and pull into the Woodland Park driveway on the North (left) side of the street. Follow the driveway to the Bus Parking Lot (first lot on right). Naturalists will meet your group at the bus parking lot upon arrival.

## Black Earth Highlights

Nestled in a remote, hidden valley, the 38 acre Black Earth Campus is perfect for classrooms looking for a close-to-home wilderness experience. Rugged hills, rocky outcroppings, restored oak savanna and prairie habitats, and two established tree identification courses form the backdrop for scientific exploration, team-building programs, service learning projects, overnight programs and more!



### Black Earth Campus

#### 10648 Sutcliffe Rd, Black Earth, Wisconsin

This site is approximately 20 minutes from Madison's west side on a 38-acre private campus. Take Route 14 west to Black Earth. Turn south at Rte 78/Cty F. Follow 78/Cty F for 1/2 mile through town, turn west on F/KP. Follow F/KP ~ 1 mile to Cty F. Turn south on Cty F and turn on to Sutcliffe Road (the second road on your right.) Follow Sutcliffe Rd west for 1 mile. The driveway is just over the crest of the hill, on the north side of the road. (This site is open by appointment only.)



330 Femrite Drive, Monona, WI 53716 • P: 608-221-0404 • F: 608-221-9095 • [aldoleopoldnaturecenter.org](http://aldoleopoldnaturecenter.org)

ALNC's Mission is to provide innovative hands-on programs for children and teachers that "...teach the student to see the land, to understand what he sees, and enjoy what he understands" in the spirit of Aldo Leopold.

Program Partners:



The Evjue Foundation, Inc.  
the charitable arm of  
The Capital Times

