

### Silly Science

Get your hands dirty as we explore the hands-on science behind the slimy, sticky, smelly parts of nature. Learn about sound, air, pressure and gravity as you become Super Scientists!

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### Life From the Earth: Native Americans

Everything the Native Americans had came from the earth. We'll learn how they did this from making necklaces, writing pictographs, and playing games. Train to be a warrior learning the basic duties of daily life for Illinois Native Americans and how these games played a part in their beliefs and survival.

(Age Level: 3<sup>rd</sup> – 8<sup>th</sup> grades)

### Field & Forest: Prairie and Trees

Discover through hands-on explorations the unique characteristics of prairie plants and animals compared to trees and animals that live in a woodland. Why do we have prairie burns? What adaptations do plants in a prairie have? Are you "barking" up the right tree? Explore seeds, fruits, and leaves of many different trees.

(Age Level: 3<sup>rd</sup> – 8<sup>th</sup> grades)

### Balance & Motion

Develop curiosity and interest in the motion of objects! Through free exploration investigate materials, solve problems through trial and error, and discover concepts of balance, counterweight and stability.

(Age Level: 3<sup>rd</sup> – 8<sup>th</sup> grades)

Are you teaching about Illinois? Would you like to borrow a Resource Trunk to supplement your lessons?

The Bartlett Nature Center has Resource Trunks available for loan filled with materials, guides, activity books, artifacts and numerous other items for your use.

Provided by The Illinois Department of Natural Resources, Division of Education, these resource trunks correlate to the Illinois Learning Standards and the Illinois Early Learning Standards.

- Illinois Wild Mammals (Pre K-8th grade)
- Illinois State Symbols (K-6th grade)
- Illinois Prairies (4th-8th grade)
- Illinois' Invasive Species (7th-12th grade)
- People and Animals from Illinois' Past (Pre K-8th grade)

Call the Bartlett Nature Center to schedule a loan.

### Scheduling Programs

All programs are scheduled on a first come first served basis.

Programs will be held rain or shine unless cancelled by the Park District.

Be sure to dress for the weather, as all programs may have an outdoor segment, barring weather extremes.

Contact the Bartlett Nature Center at 847-608-3100.

Programs can be scheduled during regular business hours, evenings and weekends.

Payment is required 2 weeks prior to the program.

### Basic Pricing

#### Program at Bartlett Nature Center

\$65 for class of 25- 1 1/2 hours

\$3 per child for class over 25

#### Program at your facility

\$90 per class (plus mileage)

Bartlett Area Schools \$85 per class

#### After School Academy

(50 kids maximum)

1 day - \$75

2 days - \$150

3 days - \$200

#### Assemblies

\$200 per 1 hour

**\*\*\*Prices may vary based on class size, number of classes and the amount of time it runs\*\*\***

The Bartlett Nature Center at the James "Pate" Philip State Park is located on the north side of Stearns Rd between Route 59 and Route 25.

From Route 59 go 2 miles west on Stearns Road.  
From Route 25 go 1 mile east on Stearns Road.

# Schools

## K - 8th Grade



JAMES "PATE" PHILIP STATE PARK  
2054 W. STEARNS ROAD, BARTLETT

- Awareness • Education
- Conservation • Interpretation



### SCHOOLS

#### K - 8TH GRADE

#### FIELD TRIPS & PROGRAMS

Visit us on line at:

[www.bartlettparks.org](http://www.bartlettparks.org)

Click on Nature Center

847-608-3100

### **Wetland Wonders**

What is a wetland and why are they important? Learn what animals call a pond home. Learn how you can be a good steward in wetland preservation by knowing the importance of water as a valuable resource.

(Age Level: Preschool - 8th grade)

### **Feathered Friends: Birds**

Come fly with us as we investigate bird characteristics and habits using hands-on experiences. Discover the unique adaptations birds possess and the various feather types. Students can try their hand at nest building and see if they can migrate safely back home through an inter-active game.

(Age Level: Preschool – 8<sup>th</sup> grade)

### **Colors of Nature**

Color, color everywhere! Uncover the magnificent ways plants and animals use color. From camouflage to attracting pollinators, colors play an important role in nature.

(Age Level: Preschool – 3<sup>rd</sup> grade)

### **Habitat Hunt: Animals and their Habitats**

Students will find clues that reveal the four components of all habitats and how they are important to the survival of living things. Participants will learn concepts in understanding how plants and animals are interconnected.

(Age Level: Preschool – 8<sup>th</sup> grade)

### **Insect Safari**

Insects are amazing creatures loaded with fascinating adaptations! Let's get buggy as we learn the importance of insects as plant pollinators and how that relates to our source of food. This program teaches students how to identify and classify insects by noting their unique characteristics.

(Age Level: Preschool - 8th grade)

### **Teeny, Tiny, Wonders**

What are tadpoles? Do earthworms have ears? How much weight can an ant lift? Students will explore nature using their five senses to develop wonder and curiosity about our natural world.

(Age Level: Preschool – 3<sup>rd</sup> grade)

### **Earth keepers, Go Green!**

Learn about the three R's; Reduce, Reuse, Recycle as we explore how to be good care givers of our planet earth. Calculate your carbon footprint and explore nature's recyclers.

(Age Level: Preschool – 8<sup>th</sup> grade)

### **Sun, Seeds and Snacks**

Do you know that you actually eat roots, stems, and flowers? Discover the four basic needs of a plant and plant your own seeds to take home!

(Age Level: Preschool – 3<sup>rd</sup> grade)

### **Tracking Tails**

Animals live in the most interesting places! As you hunt for holes, look under logs, and peek at the prairie can you discover whose house you are looking at? What kind of animal left that footprint? Come with us as we discover the wonders of wildlife.

(Age Level: Preschool – 3<sup>rd</sup> grade)

### **Wacky Weather**

Students will be able to predict and plan for upcoming weather through hands-on projects. Learn how to identify clouds by their different shapes and sizes. Explore interesting facts of storms and how weather affects our daily lives.

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **Gotta Grow: Plants**

What makes a plant, plant-astic? Discover parts of a plant and how they work together as a system and their role in the food web as producers. Take a nature walk and learn how to identify the plants that live here. Dissect flowers and use microscopes to explore your findings.

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **A Bucketful Of Dirt: Soil**

Join us for Underground Adventures as we discover the characteristics and properties of soil through hands-on soil testing. What fascinating mysteries does soil hold about our Earth? What plants and animals call dirt home? Learn about the benefits of water and its destructive force through hands-on erosion projects.

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **Hooray For Herps: Reptiles and Amphibians**

This program focuses on the interesting differences between amphibians and reptiles, particularly body characteristics and life cycles. Includes fun facts and myths surrounding these cold-blooded creatures!

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **Rockin' Rocks: Geology**

Take a voyage through time and see how volcanoes, shifting rocks, earthquakes, and erosion affect our Earth through hands-on activities.

Learn the three main types of rocks.

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **I Spy Mammals!**

Students will learn about the place mammals occupy in our world.

Hands-on explorations will look at skulls and tooth formations and pelts. Take a nature walk to track for animal prints and evidence of mammal life around!

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **Explorer's Code: Mapping & Orienteering**

Students will learn basic orienteering, how to recognize land forms, make use of topographical maps, and how to find their direction by looking for nature's clues.

(Age Level: 3<sup>rd</sup> – 8<sup>th</sup> grades)

### **Eyes to the Sky!**

Star light, star bright! Lift your eyes to the night! In the dark evening skies you can see many heavenly bodies made up of stars, planets, and solar systems. Learn to identify many different constellations and planets as you learn about the history of our solar system and the stories behind them.

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)

### **Life On A Prairie**

Learn about the daily life of the prairie settlers, the hardships they encountered, the homes they lived in and the changes they had to make to survive. How did the invention of the steel plow change life for the settlers?

(Age Level: 1<sup>st</sup> – 8<sup>th</sup> grades)