



MISSISSIPPI  
Museum of  
Natural  
Science

# SCHOOL PROGRAM PLANNER



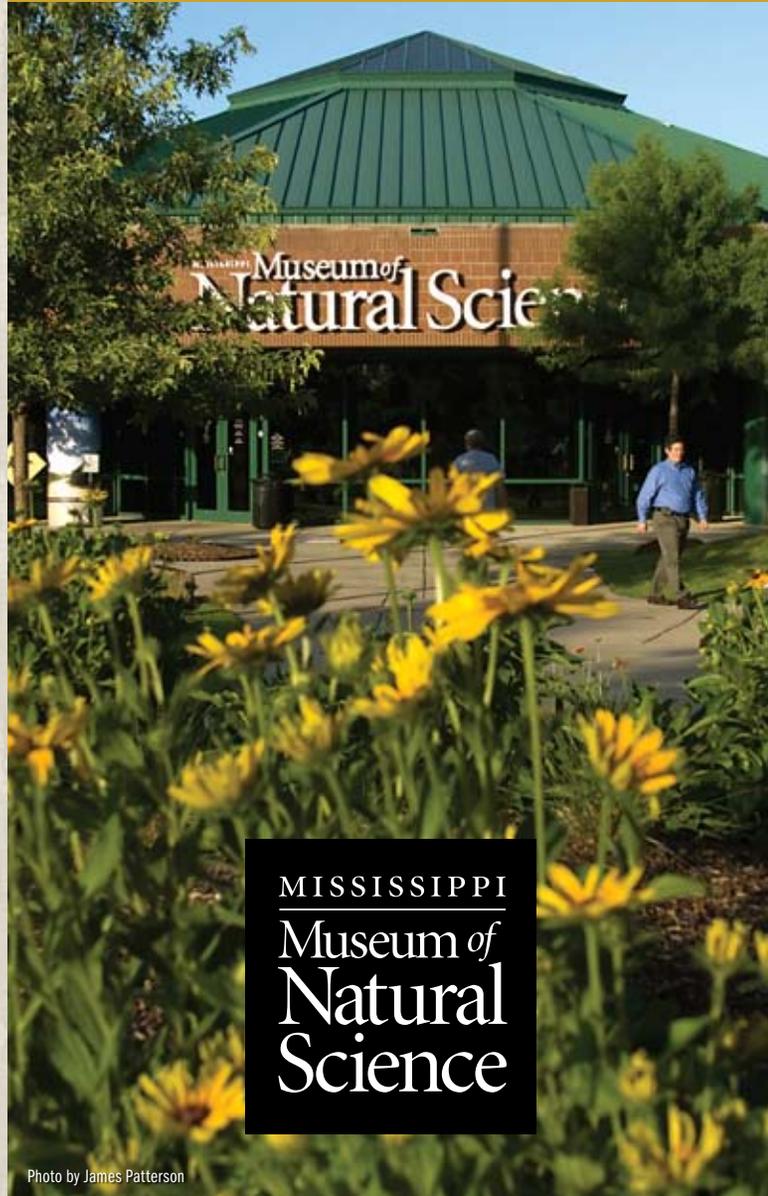
LOCATED WITHIN LEFLEUR'S BLUFF STATE PARK—LAKELAND AT I-55 • 2148 RIVERSIDE DRIVE JACKSON, MS • 601.576.6000 • WWW.MSNATURALSOURCE.ORG

# LOOK WHAT YOU CAN FIND INSIDE!

Planning Your Visit	4
At The Museum	6
Group Activities	7
Educational Programs	8-11
Statewide Outreach	12
Learning Resources	13
Teacher Workshops	14
Mark Your Calendar	15

*The mission of the Mississippi Museum of Natural Science is to promote understanding and appreciation of Mississippi's biological diversity through collections, research, scientific databases, education, and exhibits; and to inspire the people of our state to respect the environment and to preserve natural Mississippi.*





MISSISSIPPI  
Museum of  
Natural  
Science

Photo by James Patterson

# WELCOME!

Dear Educators,

We are excited about our school programming, professional development, and upcoming events and exhibits! Utilizing our rich resources and heritage, the Museum of Natural Science has designed programming that is hands-on and inquiry based. Our programs support the 2010 Mississippi Science Frameworks and promote lifelong learning. These programs also cover a variety of topics and help children make connections with the natural world around them.

We look forward to supporting you and your students this school year.

Sincerely,  
Education Staff

“My first impression when I walked in was WOW! It’s BEAUTIFUL.”

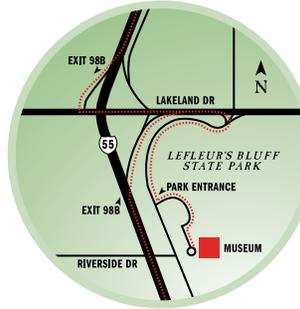
- Hailey, 6<sup>th</sup> grader

# PLANNING YOUR VISIT



## DIRECTIONS

The Museum is located on the grounds of LeFleur's Bluff State Park in Jackson, Mississippi. Take the Lakeland Drive East exit off I-55, turn onto Highland Drive, and follow the signs.



## HOURS OF OPERATION

Monday-Friday 8AM-5PM  
 Saturday 9AM-5PM  
 Sunday 1PM-5PM

The Museum is open 356 days a year. Visit our website [www.msnaturalscience.org](http://www.msnaturalscience.org) for holiday closings.

## ADMISSION FEES

We accept the following methods of payment: check, cash, and credit card. We do not accept American Express.

### General Admission

Adults	\$6.00
Children 3-18	\$4.00
Seniors 60 and over	\$5.00
Children under 3	FREE

### School Groups

10 or more students	\$2.00 PER STUDENT
Teachers/Aides	FREE WITH GROUP

### Bus drivers

Chaperones	FREE
<small>CAN BE A CAR OR VAN DRIVER</small>	<small>1 PER 10 STUDENTS</small>
<small>ADDITIONAL ADULTS</small>	<small>REGULAR ADMISSION \$6</small>

### Other Educational Groups

(SCOUTS, HOME SCHOOLS, CHURCHES, ACADEMIC CLUBS)

10 or more children	\$2.00 PER CHILD
---------------------	------------------

### Chaperones

<small>CAN BE A CAR OR VAN DRIVER</small>	<small>FREE</small>
<small>ADDITIONAL ADULTS</small>	<small>1 PER 10 CHILDREN</small>
	<small>REGULAR ADMISSION \$6</small>

### Adult Groups

(GARDEN CLUBS, CHURCH/ACADEMIC GROUPS, TOUR BUSES)

10 or more	\$5.00 PER PERSON
Bus drivers	FREE WITH GROUP

## GIFT BAGS

Pre-packaged Museum gift bags are available in \$4 and \$6 sizes.

- If ordering, please do so at the time of making your reservation.
- Two week advance notice is needed for preparation of Museum gift bags.

## CHAPERONES

Please help us maintain an atmosphere that is enjoyable to all.

- Adult chaperones are required for all groups.
- We require a minimum of one adult for every 10 students.
- Educators and chaperones must ensure that students stay with chaperones at all times.
- Please respect Museum staff, property and other visitors.

VISIT OUR WEBSITE  
[msnaturalscience.org](http://msnaturalscience.org)  
 OR CALL  
 601-576-6000



Photo by James Patterson



Photo by James Patterson

### MUSEUM FACILITIES

73,000-square foot complex

~

300-acre natural landscape

~

2.5 miles of nature trails

~

handicap-accessible  
open-air amphitheater  
and yellow nature trail

~

100,000-gallon  
aquarium network  
housing over 200 living species

~

1,700-square foot greenhouse  
called "The Swamp"

~

over 30,000-square feet  
of permanent exhibits

~

gift shop called  
"The Dragonfly Shoppe"

~

reference library

~

200-seat auditorium  
called the "Rotwein Theater"

~

Dragonfly Environmental  
Learning Center

~

Preschool "Discovery Room"

### RESERVATIONS

Because of staffing and facility requirements, it is important that you make your reservations at least two weeks in advance of your visit. Make a reservation by calling the Museum at 601-576-6000. When making a reservation we will need to know the following:

- School name, Contact person
- Address, Phone number
- Grade level, Number of students
- Requested date/time
- Program choices



Photo by  
Barbara Gauntt

### CONFIRMATIONS

We will mail you a reservation confirmation, and you'll be asked to present a copy of it at the front desk when you arrive at the Museum.

- Be sure you and your group arrive at least 10 minutes prior to your scheduled activity session.
- All programs will begin and end at their pre-arranged times.

We realize that change is inevitable and will always do our best to accommodate your requests for alterations to confirmations. However, spaces and time slots are limited.

### REMINDERS

- All group members must arrive together to receive the group rate.
- All purchase orders should be presented at the gift shop upon arrival.



Photo by  
James Patterson

"My FAVORITE part was the aquarium because of all the different types of FISH!"

- Reanne, 6<sup>th</sup> grader

# AT THE MUSEUM

The welcoming facilities of the Museum are geared for groups. Take advantage of our convenient passenger loading area, generous parking, handicap-accessible buildings and trails, covered and open picnic spots, and a naturally inviting gift shop. To ensure a more pleasant and valuable experience for your group, we ask everyone to follow these simple guidelines and procedures.

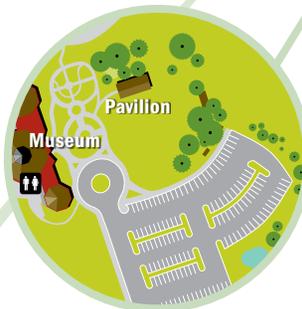
## MUSEUM GIFT SHOP

The Dragonfly Shoppe is open from 9AM to 4:30PM and offers pre-packaged gift bags. (SEE PAGE 4)

- ❑ No more than ten students are allowed in the shop at one time, and they must be accompanied by an adult.
- ❑ We accept the following methods of payment: check, cash, and credit card. We do not accept American Express.
- ❑ Please make PO's and checks payable to the Mississippi Museum of Natural Science.

## LUNCH AREAS

You are welcome to eat your lunch at the pavilion or playground. Seating is on a first come, first seated basis.



For more details  
about our  
fun-filled Museum

CALL  
601-576-6000

## ARRIVAL PROCEDURES

- ❑ Stop at the entrance to LeFleur's Bluff State Park.
- ❑ All group members must arrive together to receive the group rate.
- ❑ Go through the Park to the Museum. For your safety, buses are required to unload in the loading area circle in front of the building.
- ❑ After unloading, buses should park along outer areas of the parking lot. Buses should return to the circle to reload. It is not safe to load or unload buses along the Museum drive.
- ❑ Enter the Museum and present your confirmation letter and receipt at the front desk.
- ❑ All purchase orders should be presented at the gift shop upon arrival.
- ❑ You'll be greeted by a staff member or volunteer and given further instructions.

## MUSEUM GUIDELINES

Food, drinks, candy, and gum are not allowed in the Museum.

The Museum is a tobacco-free facility.

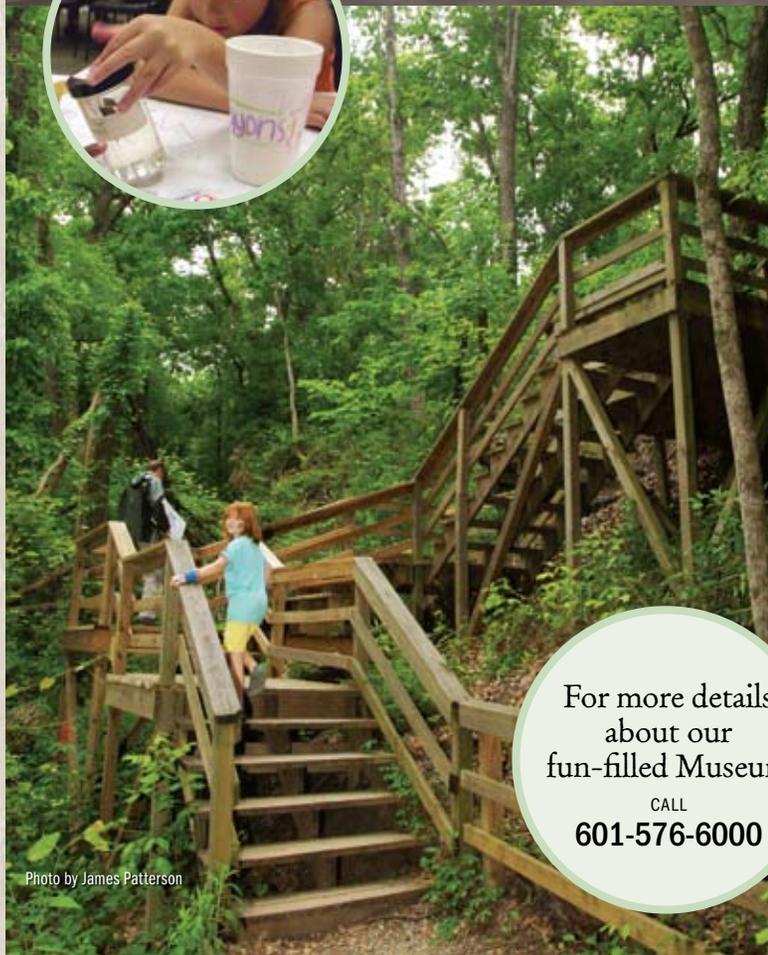
Always walk through the Museum and on the nature trails.  
Please don't run.

Be courteous and walk behind rather than in front  
of those who are viewing the exhibits.

It is dangerous to touch or lean against the glass cases.

Beating or tapping on the aquarium windows  
disturbs the fish and other inhabitants.

Use pencils and pens only for writing on activity sheets  
provided by your teacher or the Museum, and please  
do not use display cases or aquariums as a writing surface.





# GROUP ACTIVITIES

Visiting groups can choose from a number of activities at the Museum, depending upon objectives and time schedules. Make your reservations at least two weeks in advance and plan your arrival at least 10 minutes before your reserved appointment. Call 601-576-6000 for more details.

## ALL AGES

### Self-guided Tour & Trails

(1 hour Museum exhibit tour)  
 (1.5 hours nature trails)  
 (2.5 hours Museum exhibit & trails)  
 (Reservations Accepted)  
 Allow at least 1 hour to complete a self-guided tour of the Museum. Allow up to 1.5 hours to explore our nature trails! These trails meander through wooded bluffs, river bottoms, lakes, and scenic swamplands.



## PRESCHOOL (AGES 3 THROUGH PRE-K5)

### Classes (FOR SCHOOL GROUPS ONLY) Programs/Camps

(Reservations Required)  
 The Museum's Preschool Program offers a variety of opportunities for children five and under. Preschool children and their caregivers are invited to explore the Preschool Room during designated hours; a staff member or volunteer will facilitate the visit. Story Time, "Time for Twos" (a program for children two and under), and Preschool Summer Camps are additional opportunities.

## SCOUTS (GIRL AND CUB SCOUTS)

### Merit Badge Program

(Reservations Required  
 2 weeks in advance)  
 The Museum can help your scout group of 10 to 25 earn badges naturally. Call and book your group today!

## GRADES K-12 (SCHOOLS/HOME SCHOOLS)

### Hands-on Educational Programs\*

(30 to 45 min. each)  
 (Reservations Required)  
 Age-appropriate, curriculum-coordinated, hands-on presentations for grades K through 12 are available for groups of 15 to 30 students. Teachers may choose from these topics: endangered species, mammals, birds, reptiles, fish, invertebrates, plants, or fossils.

### Wetland Program\* ♾

(1 hour)  
 (Reservations Required)  
 The Museum offers an in-depth, hands-on wetlands program. During this experience, students learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park by studying the area's soil, plants, and water. The program is available to groups of 10 to 25 students in grades 3 through 12.

\*See pages 8-11 of this planner for details and selections.

"This was the BEST field trip I've ever been on! I wish I could stay there FOREVER."

- Chris, 6<sup>th</sup> grader

# EDUCATIONAL PROGRAMS

## APPROPRIATE CLASSES FOR AGES 3 THROUGH PRE-K 5

(10-16 CHILDREN PER GROUP)  
(RESERVATIONS REQUIRED)

### PRE-KINDERGARTEN

#### Classes\* and Times

Classes for ages 3 through Pre-K 5 are available for educational groups of 10 to 16 children. Preschool class topics vary from year to year and center around habitat, classification, and adaptations. Check our Museum website for current topics or call our Preschool Coordinator for more information—  
**601-576-6000.**

#### Reserved Group Access

Fall/Winter/Spring Schedule (AUG-MAY)  
MON-FRI 9:00, 9:45 & 10:30AM

#### Summer Schedule (JUN-JUL)

WED & FRI 9:00, 9:45 & 10:30AM

#### Time for Twos (ages 2 and under)

every second Tues. 1PM-4PM

#### Story Time (ages 3 to 5)

Fall/Winter/Spring Schedule (AUG-MAY)  
WED 1:15, 2:15, 3:15PM

#### Summer Schedule (JUN-JUL)

TUE & THU 10:15am & 11:15am

#### Class Times

Call Preschool Coordinator  
at 601-576-6000.

## AGE-APPROPRIATE PROGRAMS FOR GRADES K THROUGH 12

(30 TO 45 MIN. EACH)  
(15-30 STUDENTS PER GROUP)  
(RESERVATIONS REQUIRED)

Curriculum-coordinated, hands-on presentations for grades K through 12 are available September through May for groups of 15 to 30 students. *Pages 8-11 of this School Planner show the direct correlations of our hands-on programs with your Mississippi Science 2010 Frameworks!* Teachers may choose from the following program topics: endangered species, mammals, birds, reptiles, fish, invertebrates, plants, or fossils. To reserve a program with your field trip call 601-576-6000.

### KINDERGARTEN

#### Marvelous Mammals

Learn the characteristics of a mammal. How do they feel? Soft? Scaly? Come investigate marvelous mammals. Strand: Life Science  
Grade: K  
MS Science Framework: 3a. 3d. 3e.

#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. How do snakes feel? Smooth? Slimy? Come learn interesting facts about Mississippi's reptiles! Strand: Life Science  
Grade: K  
MS Science Framework: 3a. 3d. 3e.

#### Birds of a Feather

Learn the characteristics of a bird. Do birds have different beaks and feet? Come learn interesting facts about Mississippi birds! Strand: Life Science  
Grade: K  
MS Science Framework: 3a. 3d. 3e.



### 1ST GRADE

#### Marvelous Mammals

Learn the characteristics of a mammal. What is a habitat? Students will investigate fur, tracks and even scat! Strand: Life Science  
Grade: 1  
MS Science Framework: 3a. 3e.



#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. Where do reptiles live? Get all the interesting facts about Mississippi's reptiles! Strand: Life Science  
Grade: 1  
MS Science Framework: 3a. 3e.

#### Birds of a Feather

Learn the characteristics of a bird. Why do birds have different beaks and feet? Come learn interesting facts about Mississippi birds! Strand: Life Science  
Grade: 1  
MS Science Framework: 3a. 3e.

### 2ND GRADE

#### Marvelous Mammals

Learn the characteristics of a mammal. Are all mammals carnivores? Students will investigate fur, skulls, tracks and even scat! Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a. 3c. 3e.

#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. Are they cold blooded? Get all the interesting facts about Mississippi's reptiles! Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a. 3c. 3e.



#### Birds of a Feather

Learn the characteristics of a bird. Are they vertebrates? Come learn interesting facts about Mississippi birds! Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a. 3c. 3e.

### 3RD GRADE

#### Dig This!

Learn fascinating facts about fossils. What are they? How did they form? What was Mississippi like then? Strand: Earth & Space Science  
Grade: 3rd  
MS Science Framework: 4g.

#### Marvelous Mammals

Learn the characteristics of a mammal. How are mammals adapted to survive? Students will investigate fur, skulls, tracks and even scat! Strand: Life Science  
Grade: 3rd  
MS Science Framework: 3a. 3c. 3e.

#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. Do they have good camouflage? Get all the interesting facts about Mississippi's reptiles! Strand: Life Science  
Grade: 3rd  
MS Science Framework: 3a. 3c. 3e.



\*Pre-K classes are designed to correlate with the Mississippi Pre-Kindergarten Curriculum Benchmarks and Expectations for Scientific Investigation for Three Year Old Children, and Competencies and Objectives for Scientific Investigation for Four Year Old Children. Classes are also correlated with the NAEYC Standard 2: Curriculum.

### Some Things a Little Fishy

Learn the characteristics of a fish. Where do fish live? Come learn about Mississippi's fish!  
Strand: Life Science  
Grade: K  
MS Science Framework: 3a. 3d. 3e.

### Some Things a Little Fishy

Learn the characteristics of a fish. Do all fish have the same habitat? Come learn what kind of fish are in Mississippi.  
Strand: Life Science  
Grade: 1  
MS Science Framework: 3a. 3e.

### Green Power

Learn the characteristics of a plant. Be a part of building a tree! Come investigate common Mississippi plants!  
Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a. 3d.

### Birds of a Feather

Learn the characteristics of a bird. What makes birds good predators? Come learn interesting facts about Mississippi birds!  
Strand: Life Science  
Grade: 3rd  
MS Science Framework: 3a. 3c. 3e.

“We really enjoyed coming to see the Museum and it was by far the BEST field trip ever!”

### Some Things a Little Fishy

Learn the characteristics of a fish. Are fish important? Come learn what kinds of fish are in Mississippi.  
Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a. 3c. 3e.

### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? Come meet one of our very own endangered species and learn what you can do to help preserve it.  
Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3c.

### Boneless Bunch

Learn the characteristics of an invertebrate. Compare vertebrates and invertebrates. Come investigate this boneless bunch!  
Strand: Life Science  
Grade: 2nd  
MS Science Framework: 3a.

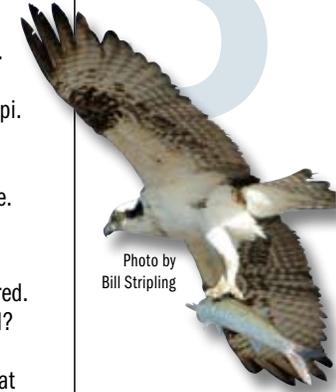


Photo by Bill Strippling

### Some Things a Little Fishy

Learn the characteristics of a fish. Do all fish eat the same way? Come learn what kinds of fish are in Mississippi.  
Strand: Life Science  
Grade: 3rd  
MS Science Framework: 3a. 3c. 3e.

### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn the importance of wetlands by becoming wetlands researchers in the study of soil, plants, and water.  
Strand: Life Science  
Grade: 3rd  
MS Science Framework: 3a. 3c. 3d. 3e.



Reserve a K-12 hands-on program for your field trip!

CALL

601-576-6000

“I like the nature trail because it was PEACEFUL there. I would like to spend a LONG time there.”

- Hunter, 6<sup>th</sup> grader

# EDUCATIONAL PROGRAMS

## AGE-APPROPRIATE PROGRAMS

FOR GRADES K THROUGH 12

(30 TO 45 MIN. EACH)

(15-30 STUDENTS PER GROUP)

(RESERVATIONS REQUIRED)

Curriculum-coordinated, hands-on presentations for grades K through 12 are available September through May for groups of 15 to 30 students. *Pages 8-11 of this School Planner show the direct correlations of our hands-on programs with your Mississippi Science 2010 Frameworks!* Teachers may choose from the following program topics: endangered species, mammals, birds, reptiles, fish, invertebrates, plants, or fossils.

TO RESERVE A HANDS-ON PROGRAM FOR YOUR FIELD TRIP TO THE MUSEUM PLEASE CALL  
**601-576-6000.**

### 4TH GRADE

#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. What is our state reptile? Get all the interesting facts about Mississippi's reptiles!

Strand: Life Science

Grade: 4th

MS Science Framework: 3a. 3c.

#### Marvelous Mammals

Learn the characteristics of a mammal. How do you identify an animal by its skull? Students will investigate fur, tracks and even scat!

Strand: Life Science

Grade: 4th

MS Science Framework: 3a. 3c.



Photo by  
James Patterson

#### Birds of a Feather

Learn the characteristics of a bird. What structures do birds have for survival? Come learn interesting facts about Mississippi birds!

Strand: Life Science

Grade: 4th

MS Science Framework: 3a. 3c.

### 5TH GRADE

#### Slither, Slide, Creep, and Crawl

Learn the characteristics of a reptile. Why are they always soaking up the sun? Get all the interesting facts about Mississippi's reptiles!

Strand: Life Science

Grade: 5th

MS Science Framework: 3a. 3e.

#### Marvelous Mammals

Learn the characteristics of a mammal. Why is the beaver skull flat on the top? Students will investigate skulls, fur, tracks and even scat!

Strand: Life Science

Grade: 5th

MS Science Framework: 3a. 3e.

#### Birds of a Feather

Learn the characteristics of a bird. Do all birds eat seeds? Come learn interesting facts about Mississippi birds!

Strand: Life Science

Grade: 5th

MS Science Framework: 3a. 3e.

#### Some Things a Little Fishy

Learn the characteristics of a fish. Why are flounders flat? Come learn what kind of neat fish are in Mississippi.

Strand: Life Science

Grade: 5th

MS Science Framework: 3a. 3e.

### 6TH-8TH GRADE

#### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? Come meet one of our very own endangered species and learn what you can do to help preserve it.

Strand: Life Science

Grade: 6th

MS Science Framework: 3e.



Peregrine Falcon

#### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn to appreciate the importance of wetlands by becoming wetlands researchers in the study of soil, diversity of plants, and aquatic invertebrates.

Strand: Life Science

Grade: 6th

MS Science Framework: 3e.

### 9TH-12TH GRADE

#### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn to appreciate the importance of wetlands by becoming wetlands researchers in the study of water, soil, plants, and aquatic invertebrates. Students will collect and investigate invertebrates as indicators of pollution in the wetland environment.

Strand: Life Science

Grade: Biology I

MS Science Framework: 3b. 3c.

#### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? What can you do for the endangered species in Mississippi?

Strand: Life Science

Grades: Biology I

MS Science Framework: 3b. 3c.

#### Dig This!

Learn facts about fossils. What are they? How did they form? What was Mississippi like then? Come learn the geologic timetable of Earth's history.

Strand: Life Science

Grade: Biology II

MS Science Framework: 4a. 4d. 5a.

#### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will become wetlands researchers in the study of water, soil, plants, and aquatic invertebrates. Students will collect and investigate invertebrates as indicators of pollution in the wetland environment. Students will understand that wetlands are important to all living organisms!

Strand: Earth & Space Science

Grade: Marine & Aquatic Science

MS Science Framework: 2a.

#### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? How do humans impact the environment? How can you get involved in conservation efforts to help these endangered species?

Strand: Earth & Space Science

Grade: Environmental Science

MS Science Framework: 3a.



American Burying Beetle  
Photo by Susan Middleton &  
David Liittschwager

### Some Things a Little Fishy

Learn the characteristics of a fish. Why do some fish feed only on the bottom? Come learn interesting facts about Mississippi's fish!

Strand: Life Science  
Grade: 4th  
MS Science Framework: 3a. 3c.

### Here Today, Gone Tomorrow

Learn which species are endangered. What is extinction? Come meet one of our very own endangered species and learn what you can do to help preserve it.

Strand: Life Science  
Grade: 4th  
MS Science Framework: 3a. 3c.

### Dig This!

Learn fascinating facts about fossils. How did they form? How have things changed? What was Mississippi like then?

Strand: Life Science  
Grade: 4th  
MS Science Framework: 3a.

### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn to appreciate the importance of wetlands by becoming wetlands researchers in the study of soil, plants, and water.

Strand: Life Science  
Grade: 4th  
MS Science Framework: 3a. 3c. 3e.

### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? Come meet one of our very own endangered species and learn what you can do to help preserve it.

Strand: Life Science  
Grade: 5th  
MS Science Framework: 3a. 3e.

### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn to appreciate the importance of wetlands by becoming wetlands researchers in the study of soil, diversity of plants, and aquatic invertebrates.

Strand: Life Science  
Grade: 5th  
MS Science Framework: 3a. 3e.

### Dig This!

Learn fascinating facts about fossils. How did they form? How has life and the environment changed since then?

Strand: Life Science  
Grade: 5th  
MS Science Framework: 3a.



### Here Today, Gone Tomorrow

Learn which species are endangered. How did they become endangered? Come meet one of our very own endangered species and learn what you can do to help preserve it.

Strand: Life Science  
Grades: 7th & 8th  
MS Science Framework: 3a.

### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will learn to appreciate the importance of wetlands by becoming wetlands researchers in the study of soil, diversity of plants, and aquatic invertebrates.

Strand: Life Science  
Grade: 7th & 8th  
MS Science Framework: 3a.



“I have learned a lot in the Museum. I really want to come back one day and learn MORE.”

### Boneless Bunch

Learn the characteristics of an invertebrate. How do you classify different invertebrates?

Come investigate this boneless bunch!  
Strand: Life Science  
Grade: Biology II  
MS Science Framework: 5b.

### Green Power

How do you identify plants? What is a native plant?

Come investigate common Mississippi plants!  
Strand: Life Science  
Grade: Botany  
MS Science Framework: 2d.

### Put on Your Boots!

During this experience at LeFleur's Bluff State Park, students will become wetlands researchers in the study of water, soil, plants, and aquatic invertebrates. Students will collect and investigate invertebrates as indicators of pollution in the wetland environment. Students will understand that wetlands are important to all living organisms!

Strand: Earth & Space Science  
Grade: Environmental Science  
MS Science Framework: 3a.



### Dig This!

Learn facts about fossils. How did they form? What is a geological timescale? What are some major geological features in Mississippi?

What was Mississippi like then?  
Strand: Earth & Space Science  
Grade: Geology  
MS Science Framework: 2g. 2j.

“It was WONDERFUL! I only wish my classroom had so many FUN things!”

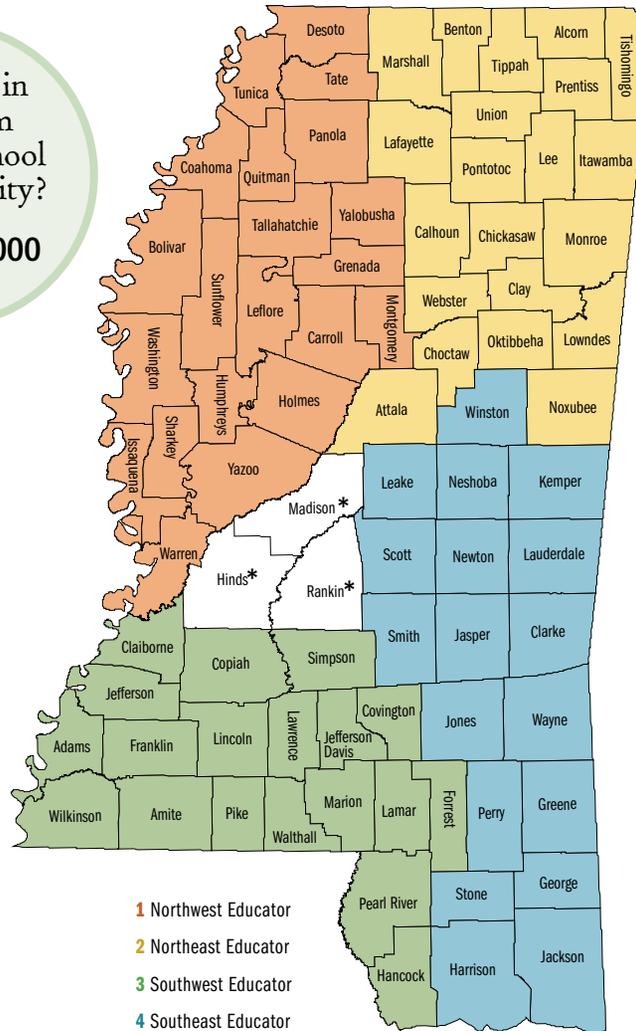
- Mississippi Teacher

# STATEWIDE OUTREACH

**T**hrough a wide range of specially designed programs, projects, and events, the Outreach Educators bring the Museum to schoolchildren and adults statewide. Partners, like the Lower Pearl River Valley Foundation, Yazoo-Mississippi Delta Levee Board, and Rock River Foundation, help make these programs possible.



Interested in a program for your school or community?  
CALL  
**601-576-6000**



## FREE CLASSROOM PROGRAMS

**GRADE-APPROPRIATE PROGRAMS**  
FOR GRADES K THROUGH 12  
(45 MIN. TO 1 HR. EACH)  
(SCHEDULING REQUIRED)

FREE educational programs about Mississippi wildlife are available for your classroom. Each age/grade-appropriate and inquiry-based program correlates with National Science Education Content Standards and the Mississippi State Frameworks. Interactive, exciting, and unique presentations even include live native animal demonstrations!

## COMMUNITY ACTIVITIES

The Museum also provides an array of educational and entertainment opportunities to the broader community through lectures and live animal demonstrations. We host a variety of popular annual events designed to bring special audiences together to enjoy activities centered around specific topics, such as fishing, nature related activities, fossil collecting, bird watching, and family fun.

\*The classrooms and communities of the tri-county, Jackson-metro area are encouraged to take part in all of the exciting programming opportunities offered at the Museum & MS Department of Wildlife Fisheries & Parks facilities.





# LEARNING RESOURCES

The Museum offers intriguing object kits and informative videos free of charge, as well as a variety of learning materials for purchase in the Museum's Dragonfly Shoppe. Our lending service provides most videos and object kits for one week and can mail to teachers outside the Jackson area; teachers within the Jackson area are asked to pick up and return them to the Museum within the week. All teachers must reserve items a few weeks in advance and are responsible for their safe return. To reserve materials or for more information, call 601-576-6000.

## VIDEOS FOR LOAN

The Museum's lending program has more than 100 videos (DVD & VHS)—most available for a week loan, and up to two titles may be borrowed at a time. Below is a select list of our most popular titles:

*Eyewitness Videos*  
Grades 2-Adult, 10 Titles,  
35 min. each

*3-2-1 Contact Classroom Series*  
Grades 2-5, 29 Titles,  
15 min. each

*Bill Nye, The Science Guy*  
Grades 4-Adult, 18 Segments,  
30 min. each

*PBS Dinosaur Series*  
Grades 4-Adult, 4 Titles,  
60 min. each

*National Audubon Society's  
Video Guides to the Birds  
of North America*  
Grades High School-Adult

*See How They Grow Videos*  
Grades Pre-K-1, 3 Titles

*Mississippi's Endangered Species*  
Grade 4-Adult

## OBJECT KITS FOR LOAN

For an engaging learning experience, the Museum's lending program features object kits that contain a cohesive and interesting assemblage of objects, information and activities for grades 3 through 12. Titles include:

*Fossils, Rocks, and Minerals*  
*Butterflies*

*Invertebrates: No Bones to Pick*  
*Mammal Skulls*

*Tracks and Trails of Mississippi*  
*Mammals*

*Plants*

*Birds*

*Black Bear Kit*

*Wetlands*

*Fur, Feathers, Scales, Shells  
and Skins*

## RESOURCES FOR SALE

The Dragonfly Shoppe is open from 9AM to 4:30PM and offers a thoughtful selection of books, posters, puzzles, models, puppets, and fossils that coordinate with current exhibitions and educational programming. Most items promote education and the natural wonders of our state.

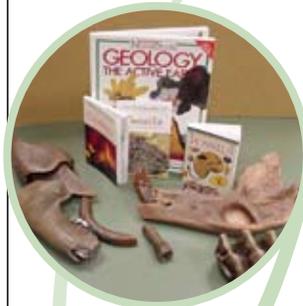


Photo by James Patterson

“There were SO MANY neat things. I think the cutest was the BABY ALLIGATOR!”

- Myrah, 5<sup>th</sup> grader

# TEACHER WORKSHOPS

**M**useum staff provide training in internationally recognized environmental education programs for teachers. These programs can be conducted for teachers of all subjects and grade levels either in your school or at the Museum. These workshops are excellent for informal educators such as scout leaders, camp leaders, and youth leaders of any kind!

## PROJECT WILD

### Wildlife in Learning Design

*Project WILD* capitalizes on the natural interest that children and adults have in wildlife by providing hands-on activities that enhance student learning in all subject and skill areas K-12.

## PROJECT WILD AQUATIC

*Project WILD Aquatic* is a conservation education program focused on aquatic wildlife and ecosystems for K-12 educators and their students.

## WOW!

### THE WONDERS OF WETLANDS

*WOW! The Wonders of Wetlands* is a valuable resource for teachers, which builds respect and environmental appreciation among students through participation in engaging wetland activities. *This workshop is for teachers that work with grades K-12.*

## PROJECT WET

### Water Education For Teachers

*Project WET*, for kindergarten through 12th grade educators, is a collection of innovative, water-related activities that are hands-on, easy to use, and fun! *Project WET* activities incorporate a variety of formats, such as large and small group learning, whole-body activities, laboratory investigations, discussion of local and global topics, and involvement in community service projects.

## FLYING WILD

*Flying WILD* introduces students to bird conservation through standards-based classroom activities and environmental stewardship projects. *Flying WILD* encourages schools to work closely with conservation organizations, community groups, and businesses involved with birds to implement school bird festivals and bird conservation projects. *This workshop is for teachers that work with grades K-12.*

## GROWING UP WILD

*Growing Up WILD* features new activities designed to stimulate young children in new and exciting ways while connecting them to nature and many of its wonders. *Growing Up WILD* is a national early childhood initiative that builds literacy skills and environmental appreciation among early learners through participation in engaging wildlife-based educational activities. *This workshop is suggested for teachers that work with ages 3-7.*



For more  
teacher  
opportunities  
CALL  
**601-576-6000**



“I didn’t know those BEAUTIFUL fish could get that BIG!”

- Gabby, 5<sup>th</sup> grader

# MARK YOUR CALENDAR & JOIN THE FUN!

Don't miss any of the exciting annual events at the Mississippi Museum of Natural Science this year.

You can enjoy all of these and much more at a bargain price by becoming a member of the Museum's Foundation today.

Join us in preserving the best of Mississippi's natural world.

## INDIVIDUAL MEMBERSHIP (\$40)

*Benefits for one adult for one year are as follows:*

- Museum admission
- Invitation to member-only events
- Subscription to the Museum's newsletter
- 10% discount in the Dragonfly Shoppe
- Volunteer and support group opportunities
- Early registration for annual summer camps
- Plus...Use your membership card for free admission to more than 200 other museums through the ASTC Passport Program

## FAMILY MEMBERSHIP (\$65)

*Visit our website for the full list of benefits.*

[WWW.MSNATURALSCIENCE.ORG](http://WWW.MSNATURALSCIENCE.ORG)



FOUNDATION



## FEB

Got Fish?



## MAR

Fossil Road Show



## APR

NatureFEST



## MAY

International  
Migratory Bird Day



## JUN

Snake Day  
+ Summer Camps



## JUL

Teacher Workshops,  
Summer Camps + Turtle Day



## SEP

Back-to-School Night  
+ Make-a-Splash



## OCT

Slither,  
Crawl & Fly



## DEC

Christmas for the Birds  
+ Nature-made Christmas



MISSISSIPPI MUSEUM OF NATURAL SCIENCE  
2148 RIVERSIDE DRIVE  
JACKSON, MS 39202-1353

NON-PROFIT ORG.  
U.S. POSTAGE  
**PAID**  
JACKSON, Miss.  
PERMIT NO. 932

*Look what you can find inside!*

4	Planning Your Visit
6	At The Museum
7	Group Activities
8-11	Educational Programs
12	Statewide Outreach
13	Learning Resources
14	Teacher Workshops
15	Mark Your Calendar



# SCHOOL PROGRAM PLANNER

