School Program planner

MDWFP'S MISSISSIPPI MUSEUM OF NATURAL SCIENCE

WWW.MDWFP.COM/MUSEUM

601.576.6000

MISSISSIPPI Museum of Natural Science

New Special Offerings FOR SCHOOL GROUPS INSIDE

DEAR EDUCATORS,

We are excited about our school programming, professional development, and upcoming events and exhibits! Utilizing our rich resources and heritage, the Mississippi Department of Wildlife, Fisheries, and Parks' Museum of Natural Science has designed programming that is hands-on and inquiry based utilizing our rich resources and heritage. Our programs support the **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.

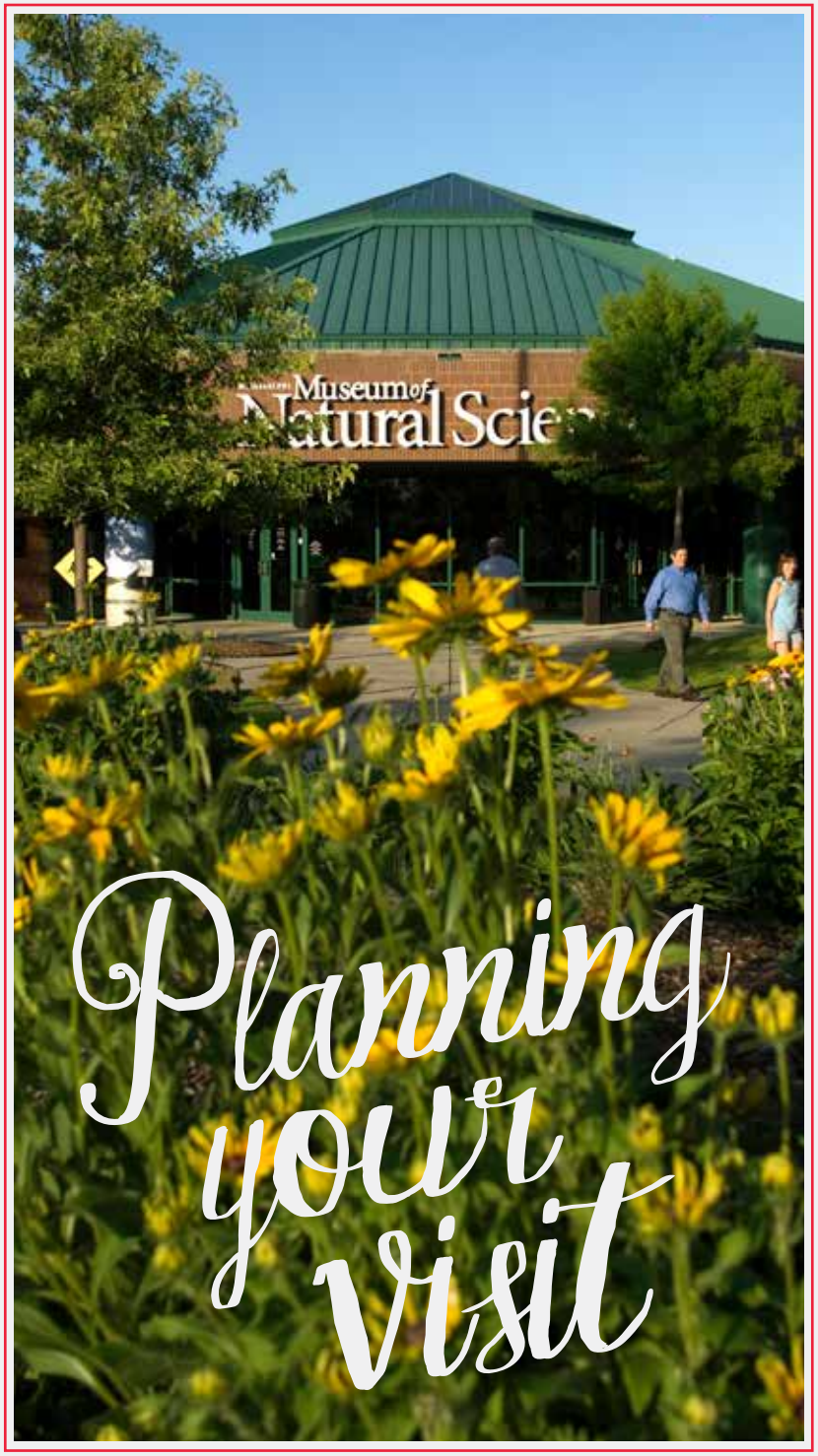
Sincerely,
Education Staff

What's Inside!

MISSION

Our mission 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.

MSNaturalScience @ MSScienceMuseum @ MSScienceMuseum



DIRECTIONS

The Museum is located within LeFleur's Bluff State Park in Jackson. From I-55, take the Lakeland Drive East exit onto Highland Drive and follow the signs.

MS MUSEUM OF NATURAL SCIENCE | 601.576.6000
2148 RIVERSIDE DRIVE | JACKSON, MS 39202

HOURS OF OPERATION

Monday-Friday, 8 a.m. - 5 p.m.
Saturday, 9 a.m. - 5 p.m.
Sunday, 1 p.m. - 5 p.m.

Visit MDWFP.COM/MUSEUM for holiday closings.

MUSEUM FACILITIES

- 73,000-square foot complex
- 300-acre natural landscape
- 2.5 miles of nature trails
- Handicap-accessible open-air amphitheater and 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"
- 200-seat auditorium called the "Rotwein Theater"
- Dragonfly Environmental Learning Center
- Preschool "Discovery Room"
- Rainforest Adventure Outdoor Maze
- SCUBA Diver Fish feeding every Tuesday & Friday at 10 a.m., & Sunday at 2 p.m.

SELF-GUIDED TOUR & TRAILS

1 hour Museum exhibit tour
.5 - 1.5 hours nature trails
1.5 - 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. (Shorter trail loops available).

ADMISSION

SCHOOL/EDUCATIONAL GROUPS

- 10 or more students | $2.00 per student
- Teachers/Aides | FREE with group
- Bus drivers | FREE with group
- Chaperones | 1 FREE per ten students
- Additional adults | $6.00 each

GENERAL ADMISSION

- Children under 3 | FREE
- Youth 3 to 18 | $4.00
- Adults | $6.00
- Seniors 60 and over | $5.00

We accept checks, cash, and credit cards (except American Express).

CHAPERONES

- Adult chaperones are required for all groups. We require a minimum of one adult for every 10 students.
- Educators and chaperones must stay with their students at all times.

RESERVATIONS

Because of staffing and facility requirements, it is important that you make your reservations as soon as possible but at least two weeks in advance of your visit.

Schedule your trip by calling 601.576.6030 or online at MDWFP.COM/FIELDTRIPS.

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

CONFIRMATIONS

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

Reminders:

- Please ensure your group arrives at least 10 minutes prior to your scheduled activity session.
- All programs will begin and end at their scheduled times.
- All group members must arrive together to receive the group rate.
- All purchase orders should be presented at the gift shop upon arrival.

****Groups arriving less than 30 minutes late for a scheduled educational program may be able to receive a shortened version of the program. Groups more than 30 minutes late will forfeit their scheduled educational program.*

GIFT BAGS

Pre-packaged Museum gift bags are available for $5 each and can be ordered when you book your trip.

EDUCATIONAL PROGRAMS | 2017 STANDARDS

Free curriculum-coordinated, hands-on programs are available, if you reserve one as part of your field trip. You must request a program (topics include endangered species, mammals, birds, reptiles, fish, invertebrates, plants and fossils) when you make your field trip reservation. Otherwise, it is assumed that your field trip will be self-guided.

Reserve a FREE program with your field trip today at MDWFP.Com/FIELDTRIPS, or call 601.576.6000.

PRESCHOOL

Refer to page 6 in the School Program Planner for Preschool Programs

KINDERGARTEN

MARVELOUS MAMMALS

What makes a mammal? How do they feel? Soft? Scaly? Come investigate marvelous mammals.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3D. 3E.

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. How do snakes feel? Smooth? Slimy? Come learn interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3D. 3E.

BIRDS OF A FEATHER

Learn what makes a bird. Do birds have different beaks and feet? Come learn interesting facts about Mississippi birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3D. 3E.

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Where do fish live? Come learn about Mississippi's fish!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3D. 3E.

1ST GRADE

MARVELOUS MAMMALS

What makes a mammal? What is a habitat? Students will investigate fur, tracks, and even scat!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. Where do reptiles live? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

BIRDS OF A FEATHER

Learn what makes a bird. Why do birds have different beaks and feet? Come learn interesting facts about Mississippi birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Do all fish live in the same habitat? Learn what fish are in Mississippi.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

2ND GRADE

MARVELOUS MAMMALS

What makes a mammal? Are they all carnivores? Students will investigate fur, skulls, tracks, and even scat!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. Are they cold blooded? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

BIRDS OF A FEATHER

Learn what makes a bird. Are they vertebrates? Come learn interesting facts about Mississippi birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

2ND GRADE *(continued)*

GREEN POWER

Learn what makes a plant. Be a part of building a tree! Come investigate common Mississippi plants!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3D.

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Are fish important? Come learn what kinds of fish are in Mississippi.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

HERE TODAY, GONE TOMORROW

Learn about endangered species. How did they become endangered? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3C.

BONELESS BUNCH

Learn what makes an invertebrate. Compare vertebrates and invertebrates. Come investigate this boneless bunch!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A.

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 MS SCIENCE FRAMEWORK: 4G.

MARVELOUS MAMMALS

What makes a mammal? How are mammals adapted to survive? Students will investigate fur, skulls, tracks, and even scat!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. Do they have good camouflage? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

BIRDS OF A FEATHER

Learn what makes a bird. What makes some birds good predators? Learn facts about Mississippi Birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Do all fish eat the same way? Come learn what kind of fish are in Mississippi.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

PUT ON YOUR BOOTS!

Students will learn the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's soil, plants, and water.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3D. 3E.

4TH GRADE

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. What is our state reptile? Get interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C.

MARVELOUS MAMMALS

What makes a mammal? How do you identify a mammal by its skull? Students will investigate fur, tracks, and even scat!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C.

4TH GRADE *(continued)*

BIRDS OF A FEATHER
Learn what makes a bird. What structures do birds have for survival? Come learn interesting facts about Mississippi birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C.

SOME THINGS A LITTLE FISHY
Learn what makes a fish. Why do some fish feed only on the bottom? Come learn interesting faces about Mississippi's fish!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C.

HERE TODAY, GONE TOMORROW
Learn about endangered species. What is extinction? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science 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 MS SCIENCE FRAMEWORK: 3A.

PUT ON YOUR BOOTS!
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's soil, plants, and water.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3C. 3E.

5TH GRADE

SLITHER, SLIDE, CREEP & CRAWL
Learn what makes a reptile. Why are they always soaking up the sun? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

MARVELOUS MAMMALS
What makes a mammal? Why is the beaver skull flat on the top? Students will investigate skulls, fur, tracks, and even scat!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

BIRDS OF A FEATHER
Learn what makes a bird. Do all birds eat seed? Come learn interesting facts about Mississippi birds!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

SOME THINGS A LITTLE FISHY
Learn what makes a fish. Why are flounders flat? Come learn what kinds of neat fish are in Mississippi.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

HERE TODAY, GONE TOMORROW
Learn what an endangered species is. How did they become endangered? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A. 3E.

PUT ON YOUR BOOTS!
During this experience, students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.
STRAND: Life Science 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 MS SCIENCE FRAMEWORK: 3A.

6TH–8TH GRADE

HERE TODAY, GONE TOMORROW *(6th Grade)*
Learn what an endangered species is. How did they become endangered? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3E.

6TH–8TH GRADE *(continued)*

PUT ON YOUR BOOTS! *(6th Grade)*
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park by studying the area's: soil, diversity of plants, and aquatic invertebrates.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3E.

HERE TODAY, GONE TOMORROW *(7th & 8th Grade)*
Learn what an endangered species is. How did they become endangered? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A.

PUT ON YOUR BOOTS! *(7th & 8th Grade)*
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3A.

9TH–12TH GRADE

PUT ON YOUR BOOTS! *(Biology I)*
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: water, soil, plants, and aquatic invertebrates. Students will collect and investigate invertebrates as indicators of pollution in the wetland environment.
STRAND: Life Science MS SCIENCE FRAMEWORK: 3B. 3C.

HERE TODAY, GONE TOMORROW *(Biology I)*
Learn what an endangered species is. How did they become endangered? What can you do for the endangered species in Mississippi?
STRAND: Life Science MS SCIENCE FRAMEWORK: 3B. 3C.

DIG THIS! *(Biology II)*
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 MS SCIENCE FRAMEWORK: 4A. 4D. 5A.

BONELESS BUNCH *(Biology II)*
Learn what makes an invertebrate. How do you classify different invertebrates? Come investigate this boneless bunch!
STRAND: Life Science MS SCIENCE FRAMEWORK: 5B.

GREEN POWER *(Botany)*
How do you identify plants? What does native mean? Come investigate common Mississippi plants!
STRAND: Life Science MS SCIENCE FRAMEWORK: 2D.

PUT ON YOUR BOOTS! *(Marine & Aquatic Science)*
Students will become a wetlands researcher in LeFleur's Bluff State Park. They will study the area's: 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 MS SCIENCE FRAMEWORK: 2A.

HERE TODAY, GONE TOMORROW *(Environmental Science)*
Mississippi's endangered species. 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 MS SCIENCE FRAMEWORK: 3A.

PUT ON YOUR BOOTS! *(Environmental Science)*
Students will become a wetlands researcher in LeFleur's Bluff State Park. They will study the area's: 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 MS SCIENCE FRAMEWORK: 3A.

DIG THIS! *(Geology)*
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 MS SCIENCE FRAMEWORK: 2G. 2J.

Educational Programs 2018 Standards

Free curriculum-coordinated, hands-on programs are available (with 2017-2018 standards), if you reserve one as part of your field trip. You must request a program (topics listed below), when you make your field trip reservation. Otherwise, it is assumed that your field trip will be self-guided.

Please reserve a FREE program with your field trip today at MDWFP.COM/FIELDTRIPS, or call 601.576.6000.

PRESCHOOL PROGRAMS

CLASSES* AND RESERVED GROUP ACCESS

The Museum's Preschool Program offers a variety of opportunities for children (age 5 and under). Preschool classes are available through reservation for educational groups (Preschools, Headstarts, Home School Groups, etc). Classes are 20-30 minutes in length with topics varying from year to year but centered around habitat, classification, and adaptation. Each class includes a brief discussion on a natural science topic, a related story, an animal presentation, and free play time in the Preschool Room.

FALL/WINTER/SPRING SCHEDULE *(AUG-MAY)*
MON-FRI 9, 9:45 & 10:30 a.m.

SUMMER SCHEDULE *(JUN-JUL)*
WED & FRI 9, 9:45 & 10:30 a.m.

Check our Museum website for current topics or call our Preschool Coordinator for more information, 601.576.6000.

**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.*

KINDERGARTEN

CHANGE IN THE NATURAL WORLD

MARVELOUS MAMMALS

What makes a mammal? How do they feel? Soft? Scaly? Come investigate marvelous mammals.
STRAND: Life Science STANDARDS: K.1, K.2, K.3

KINDERGARTEN *continued*

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. How do snakes feel? Smooth? Slimy? Come learn interesting facts about Mississippi's reptiles!
STRAND: Life Science STANDARDS: K.1, K.2, K.3

BIRDS OF A FEATHER

Learn what makes a bird. Do birds have different beaks and feet? Come learn interesting facts about Mississippi birds!
STRAND: Life Science STANDARDS: K.1, K.2, K.3

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Where do fish live? Come learn about Mississippi's fish!
STRAND: Life Science STANDARDS: K.1, K.2, K.3

1ST GRADE

DISCOVERING PATTERNS & CONSTRUCTING EXPLANATIONS

MARVELOUS MAMMALS

What makes a mammal? What is a habitat? Students will investigate fur, tracks, and even scat!
STRAND: Life Science STANDARDS: 1.2, 1.3

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. Where do reptiles live? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science STANDARDS: 1.2, 1.3

BIRDS OF A FEATHER

Learn what makes a bird. Why do birds have different beaks and feet? Come learn interesting facts about Mississippi birds!
STRAND: Life Science STANDARDS: 1.2, 1.3

1ST GRADE *continued*

GREEN POWER

How do you identify plants? What does native mean? Come investigate common Mississippi plants!
STRAND: Life Science STANDARDS: 1.2, 1.2, 1.3

2ND GRADE

SYSTEMS, ORDER & ORGANIZATION

MARVELOUS MAMMALS

What makes a mammal? Are they all carnivores? Students will investigate fur, skulls, tracks, and even scat!
STRAND: Life Science STANDARDS: 2.1, 2.2, 2.3, 2.4

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. Are they cold blooded? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science STANDARDS: 2.1, 2.2, 2.3, 2.4

BIRDS OF A FEATHER

Learn what makes a bird. Are they vertebrates? Come learn interesting facts about Mississippi birds!
STRAND: Life Science STANDARDS: 2.1, 2.2, 2.3, 2.4

SOME THINGS A LITTLE FISHY

Learn what makes a fish. Are fish important? Come learn what kinds of fish are in Mississippi.
STRAND: Life Science STANDARDS: 2.1, 2.3

HERE TODAY, GONE TOMORROW

What are endangered species? How did they become endangered? Come and meet one of our very own endangered species and learn how you can help them!
STRAND: Life Science STANDARDS: 2.1, 2.3, 2.10

2ND GRADE *continued*

BONELESS BUNCH
Learn what makes an invertebrate. Compare vertebrates and invertebrates. Come investigate this boneless bunch!
STRAND: Life Science STANDARDS: 2.1

3RD GRADE

INTERACTIONS WITHIN AN ENVIRONMENT

DIG THIS!
Learn fascinating facts about fossils. What are they? How did they form? What was Mississippi like then?
STRAND: Life Science
STANDARDS: 3.4, 3.7

MARVELOUS MAMMALS
What makes a mammal? How are mammals adapted to survive? Students will investigate fur, skulls, tracks, and even scat!
STRAND: Life Science STANDARDS: 3.1, 3.2, 3.3

SLITHER, SLIDE, CREEP & CRAWL
Learn what makes a reptile. Do they have good camouflage? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science STANDARDS: 3.1, 3.2, 3.3

BIRDS OF A FEATHER
What makes a bird? What makes some birds good predators? Come learn interesting facts about Mississippi birds!
STRAND: Life Science STANDARDS: 3.1, 3.2, 3.3

SOME THINGS A LITTLE FISHY
Learn what makes a fish. Do all fish eat the same way? Come learn what kind of fish are in Mississippi.
STRAND: Life Science STANDARDS: 3.1, 3.2

PUT ON YOUR BOOTS!
During this experience, students will learn the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's soil, plants, and water.
STRAND: Life Science
STANDARDS: 3.9, 3.10

3RD GRADE *continued*

BONELESS BUNCH
Learn what makes an invertebrate. Compare vertebrates and invertebrates. Come investigate this boneless bunch!
STRAND: Life Science STANDARDS: 3.1

4TH GRADE

ENERGY & CHANGE

SLITHER, SLIDE, CREEP & CRAWL
Learn what makes a reptile. What is our state reptile? Get all the interesting facts about Mississippi's reptiles!
STRAND: Life Science STANDARDS: 4.1, 4.2

MARVELOUS MAMMALS
Learn what makes a mammal. How do you identify an animal by its skull? Students will investigate fur, tracks, and even scat!
STRAND: Life Science STANDARDS: 4.1, 4.2

BIRDS OF A FEATHER
Learn what makes a bird. What structures do birds have for survival? Come learn interesting facts about Mississippi birds!
STRAND: Life Science STANDARDS: 4.1, 4.2

SOME THINGS A LITTLE FISHY
Learn what makes a fish. Why do some fish feed only on the bottom? Come learn interesting faces about Mississippi's fish!
STRAND: Life Science STANDARDS: 4.1, 4.2

HERE TODAY, GONE TOMORROW
What are endangered species? What is extinction? Come and meet one of our very own endangered species and learn what you can to do to help them!
STRAND: Life Science STANDARDS: 4.2

PUT ON YOUR BOOTS!
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's soil, plants, and water.
STRAND: Life Science STANDARDS: 4.9

5TH GRADE

INTERDEPENDENCE OF SYSTEMS

SOME THINGS A LITTLE FISHY
Learn what makes a fish. Why are flounders flat? Come learn what kinds of neat fish are in Mississippi.
STRAND: Life Science STANDARDS: 5.3

MARVELOUS MAMMALS
What makes a mammal? Why is the beaver skull flat on the top? Students will investigate skulls, fur, tracks, and even scat!
STRAND: Life Science STANDARDS: 5.3

BIRDS OF A FEATHER
What makes a bird? Do all birds eat seed? Come learn interesting facts about Mississippi Birds!
STRAND: Life Science STANDARDS: 5.3

HERE TODAY, GONE TOMORROW
What are endangered species? How did they become endangered? Come and meet one of our very own endangered species and learn how you can help them!
STRAND: Life Science STANDARDS: 5.10

PUT ON YOUR BOOTS!
Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.
STRAND: Life Science
STANDARDS: 5.3, 5.10

DIG THIS!
Learn fascinating facts about fossils. How did they form? How has life and the environment changed since then?
STRAND: Life Science STANDARDS: 5.10

GREEN POWER
How do you identify plants? What does native mean? Come investigate common Mississippi plants!
STRAND: Life Science STANDARDS: 5.3

6TH GRADE

STRUCTURE & FUNCTION

HERE TODAY, GONE TOMORROW

What is an endangered species? How did they become endangered? Come and meet one of our very own endangered species and learn how you can help them!

STRAND: Life Science STANDARDS: 6.1, 6.3, 6.4

PUT ON YOUR BOOTS!

Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.

STRAND: Life Science STANDARDS: 6.3, 6.4

MARVELOUS MAMMALS

What makes a mammal? Why is the beaver skull flat on the top? Students will investigate skulls, fur, tracks, and even scat!

STRAND: Life Science STANDARDS: 6.1, 6.3, 6.4

SLITHER, SLIDE, CREEP & CRAWL

Learn what makes a reptile. How do snakes feel? Smooth? Slimy? Come learn interesting facts about Mississippi's Reptiles!

STRAND: Life Science STANDARDS: 6.1, 6.3, 6.4

7TH GRADE

SYSTEMS & CYCLES

HERE TODAY, GONE TOMORROW

What is an endangered species? How did they become endangered? Come and meet one of our very own endangered species and learn how you can help them!

STRAND: Life Science STANDARDS: 7.3

PUT ON YOUR BOOTS!

Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.

STRAND: Life Science
STANDARDS: 7.3

7TH GRADE *continued*

DIG THIS!

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

STRAND: Life Science STANDARDS: 7.3

8TH GRADE

CAUSE & EFFECT

HERE TODAY, GONE TOMORROW

What is an endangered species? How did they become endangered? Come and meet one of our very own endangered species and learn how you can help them!

STRAND: Life Science STANDARDS: 8.4

MARVELOUS MAMMALS

What makes a mammal? Why is the beaver skull flat on the top? Students will investigate skulls, fur, tracks, and even scat!

STRAND: Life Science STANDARDS: 8.2

DIG THIS!

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

STRAND: Life Science STANDARDS: 8.7

9TH — 12TH GRADES

BIOLOGY

PUT ON YOUR BOOTS!

Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.

STANDARDS: BIO.5, BOT.4

HERE TODAY, GONE TOMORROW

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

STANDARDS: BIO.4

9TH — 12TH GRADES *continued*

BOTANY

GREEN POWER

How do you identify plants? What does native mean? Come investigate common Mississippi plants!

STANDARDS: BOT.1, BOT.2, BOT.6

MARINE & AQUATIC SCIENCE I/II

PUT ON YOUR BOOTS!

Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park and studying the area's: soil, diversity of plants, and aquatic invertebrates.

STANDARDS: MAQ.4, MAQ.5, MAQ.6, MAQ.7

BONELESS BUNCH

Learn what makes an invertebrate. How do you classify different invertebrates? Come investigate this boneless bunch!

STANDARDS: MAQ.6

ENVIRONMENTAL SCIENCE

HERE TODAY, GONE TOMORROW

Mississippi's endangered species. How did they become endangered? How do humans impact the environment? How can you get involved in conservation efforts to help these endangered species?

STANDARDS: ENV.2, ENV.3

PUT ON YOUR BOOTS!

Students will learn to appreciate the importance of wetlands by becoming a wetlands researcher in LeFleur's Bluff State Park by studying the area's: soil, diversity of plants, and aquatic invertebrates.

STANDARDS: ENV.2, ENV.4

FOUNDATIONS OF BIOLOGY

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.

STANDARDS: FB.5

Free Statewide Outreach

Through a wide range of specially designed programs, projects, and events, the Outreach Conservation Educators bring the Museum to school children and adults statewide.

- **Free** classroom programs outside the Metro Jackson Area
- Grade-appropriate for grades K-12
- 45 minutes to 1 hour each - Registration Required

Programs focus on Mississippi wildlife. They are age/grade-appropriate and inquiry-based. Programs correlate with the Mississippi State Science Frameworks and are interactive presentations that may include live native animal demonstrations!

CONTACT AN OUTREACH CONSERVATION EDUCATOR NEAR YOU:

NORTHEAST MS: Deb Waz – DEBORA.WAZ@MMNS.STATE.MS.US
NORTHWEST MS: Jackie Henne-Kerr – JACKIEK@MMNS.STATE.MS.US
SOUTHEAST MS: Andrea Falcetto – ANDREA.FALCETTO@MMNS.STATE.MS.US
SOUTHWEST MS: Sabrina Cummings – SABRINA.CUMMINGS@MMNS.STATE.MS.US

Teacher Workshops

Museum staff provides training in internationally recognized environmental education programs for teachers. These programs can be conducted either in your school or at the museum for teachers of all subjects and grade levels. These workshops are excellent for informal educators such as scout leaders, camp leaders, and youth leaders of any kind! CEU credit is available. The following workshops are available:

- **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 helps educators guide students through a process that begins with awareness, moves toward understanding, challenges preconceived notions, and instills the confidence, skills, and motivation to take responsible action on behalf of the environment.
- **Project WET**, for grades K-12, 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.
- **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.
- **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.
- **WILD Aquatic** is an aquatic wildlife and aquatic ecosystems focused conservation education program for K-12 educators and their students. Project WILD Aquatic capitalizes on the natural interest that children and adults have in aquatic wildlife by providing hands-on activities that enhance student learning in all subject and skill areas.

Visit online for upcoming workshop dates WWW.MDWFP.COM/MUSEUM or call 601.576.6000 to schedule a workshop in your area.

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. All teachers must reserve items at least two weeks in advance and are responsible for their safe return. To reserve materials or for more information, call 601.576.6000.

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 K-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
- Black Bear 3rd Grade Reading & Math Kit
- Fur, Feathers, Scales, Shells and Skins

RESOURCES FOR SALE

The Dragonfly Shoppe is open from 9 a.m. to 4:30 p.m. 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.

Volunteering

Volunteering at the museum is an opportunity to share, learn, serve, meet people, teach, and experience the stimulating environment of Mississippi's natural resources. Volunteer commitment in time and talents is a vital contribution to the museum's mission of preserving natural Mississippi.

All kinds of people volunteer at the museum: teens, college students, professionals, and retirees. A wide variety of volunteer positions are available - even for SCUBA Divers! Training is provided and the number of hours you commit is flexible.

To start the process of becoming a volunteer, visit
MDWFP.COM/MUSEUM/SEE-VISIT/VOLUNTEER/
and give us a call at 601.576-6000.
Or, email ANN.TAYLOR@MMNS.STATE.MS.US for an information packet.

Membership Info

MARK YOUR CALENDAR & JOIN THE FUN!

DON'T MISS ANY OF THE EXCITING ANNUAL EVENTS AT MDWFP'S 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.

ANNUAL MEMBERSHIPS

Indivuals $50 Family $75

BENEFITS

- Admission to the Muesum and LeFleur's Bluff State Park
- Invitation to exhibit Premiere Parties & member-only events
- Subscription to the Museum Insider Member e-newsletter
- 10% discount in the Dragonfly Shoppe
- Volunteer and support group opportunities
- Discounted summer camp registration
- Member Car Decal: Showcase that you're a member
- Plus...Use your membership card for free admission to 200+ museums through the ASTC Passport Program
- Members receive a 10% discount on birthday party bookings

Visit the Mississippi Museum of Natural Science Foundation's website for a complete list of benefits and to purchase your Membership. Or, purchase a Membership at the museum. WWW.MMNSFOUNDATION.COM

Calendar

JANUARY	FAMILY FUN SCIENCE NIGHT	
FEBRUARY	SO YOU THINK YOU CAN FISH?	
MARCH	FOSSIL ROAD SHOW SCIENCE-MAKERS	REGISTER FOR SUMMER CAMP TEACHER WORKSHOPS
APRIL	NATUREFEST	BIRDSONG & BLUEGRASS
JUNE	SNAKE DAY	SUMMER CAMPS
JULY	FAREWELL TO SUMMER	TEACHER WORKSHOPS
SEPTEMBER	SCIENCE FEST	
OCTOBER	PARK AFTER DARK	NATIONAL FOSSIL DAY CELEBRATION
NOVEMBER	WILD ABOUT GOBBLERS	
DECEMBER	SUPERHERO SCIENCE	CAJUN CHRISTMAS STEM WITH SNOWFLAKES

New Special Offerings for School Groups

STAFF GUIDED TOURS

An expert Conservation Educator will guide you through the museum's exhibits and displays.
(up to 25 students)
$6 per student

MEET A RESEARCHER

Meet a real live scientist and tour the collections for the state of Mississippi–with more than 1 million specimens
$6 per student

AQUARIUM CHAT

Watch a SCUBA Diver feed the fish while having a Q&A session with an Aquarium Staff Member.
$6 per student

TEACHERS: RECEIVE 25% OFF

Your Gift Shop Purchase.

Note: Must reserve two weeks in advance.
Please contact Yolanda Hawkins at 601.576.6030.

CHECK OUT OUR CALENDAR AT **MDWFP.COM/MUSEUM** FOR A COMPLETE LISTING OF EXHIBITS, SPECIAL EVENTS, AND EDUCATIONAL OPPORTUNITIES.

COMING 2018

CONSERVATION QUEST
JAN. 26 – APR. 29

RIPLEY'S BELIEVE IT OR NOT
MAY 18 – SEP. 9

Highlights:

- DISPLAYS OF MISSISSIPPI'S DIVERSE HABITATS
- AN ENTIRE WALL OF FOSSIL SPECIMENS, ZYGORHIZA, MOSASAURUS, AND A GIANT SLOTH
- A 100,000-GALLON AQUARIUM NETWORK HOUSING OVER 200 LIVING SPECIES
- "THE SWAMP": A 1,700-SQUARE FOOT GREENHOUSE
- THE PRESCHOOL DISCOVERY ROOM FEATURES COLORFUL MURALS AND AN ICONIC, GIANT TREEHOUSE WITH A SLIDE
- THE DRAGONFLY GIFT SHOP
- CLASSROOM SPACE AND THE 200-SEAT ROTWEIN THEATER