# Mississippi Museum of Natural Science



# FIELD TRIP GUIDE

ASTC Association of Science and Technology Centers

American Alliance of Museums

Mississippi Wildlife, Fisheries, & Parks

Mississippi Museum of Natural Science



## OUR 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.**

# CONNECT WITH NATURE

## Wild Adventures make Unforgettable Field Trips

- Discover 100,000-gallon aquarium network housing over 200 living species native to Mississippi.
- Explore fossil specimens like Zygorhiza and Mosasaurus.
- Travel back in time on the outdoor Dinosaur Trail.
- Enjoy educational programming with living animal ambassadors.
- Hike 2.5 miles of scenic nature trails.
- Follow Spotter's Adventure Trail to the LeFleur's Bluff Playground.
- Access classroom kits, teacher workshops, and outreach programs.

**Expect the Unexpected at MDWFP's Mississippi Museum of Natural Science where there's always something new and exciting to discover!**



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# PLANNING YOUR FIELD TRIP

## TIMING YOUR VISIT

**Hours of Operation**

- Monday-Friday 8am-5pm
- Saturday 9am - 5pm
- Sunday 1pm - 5pm

## SELF-GUIDED TOUR & TRAILS

- Exploring the Museum: 1 hour
- Nature Trails: 0.5 - 1.5 hours
- Programming: 45 minutes
- Gift Shop: 15 minutes



# BOOKING YOUR VISIT

## SCHOOL/EDUCATIONAL GROUPS

- 10 or more students: $3 per student
- Teachers/Aides: Free with group
- Bus Drivers: Free with group
- Chaperones: One free per 10 students
    - Minimum of one adult required for every 10 students
- Additional Adults: $9 per adult

## GENERAL ADMISSION

- Adults: $9
- Youth (Ages 3-18): $7
- Senior Citizens 60 and Over: $7
- Children Under 3: FREE
- School Teachers with Classes: $3 per student

*Prices are subject to change.*

## RESERVATIONS

Because of staffing and facility requirements, it is important that you make your reservations in advance if possible.

**Schedule your trip by calling** 601.576.6030.

**Please provide the following when making your reservation:**

- School Name, Contact Person
- Address, Phone Number
- Grade Level, Number of Students
- Requested Date/Time

    *Program times may be limited.*
- Program Topic Choices





# EDUCATIONAL PROGRAMS

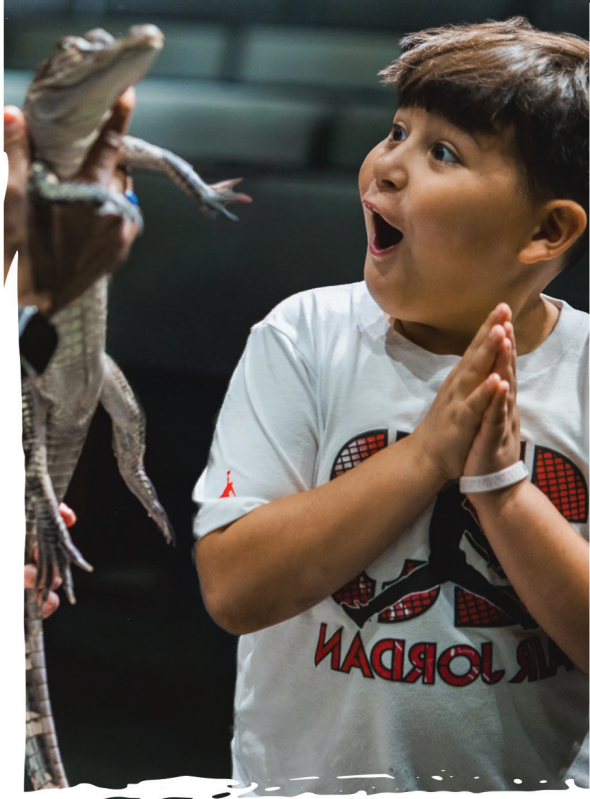
Hands-on educational programs are available at no extra change with your field trip reservation. Program times are limited and must be requested at the time of registration. Groups without a scheduled program will enjoy a self-guided tour of the museum.

## ABOUT OUR PROGRAMS:

- Educator-led programs feature hands-on activities and live animal meet-and-greets.
- Programs are correlated to Mississippi College and Career-Readiness Standards (MSCCRS) for Science.

## ARRIVAL POLICY:

*Punctuality is important! Arrive at the museum 15 minutes early. Groups over 30 minutes late lose their program slot; those under 30 minutes late may receive a shortened version.*







# PRESCHOOL PROGRAMS

- Preschool programs are available for children ages 5 and under. *Reservations required.*

## Programs Include:

- A brief discussion on a natural science topic
- A related children's book
- A live animal presentation
- Free play time in Preschool Treehouse
- Programs are 20-30 minutes in length and correlate with Mississippi Pre-Kindergarten Curriculum.



# EDUCATIONAL PROGRAMS

## KINDERGARTEN

**Marvelous Mammals**
*Life Science K.1, K.2, K.3*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science K.1, K.2, K.3*

**Birds of a Feather**
*Life Science K.1, K.2, K.3*

**Some Things a Little Fishy**
*Life Science K.1, K.2, K.3*

## 1ST GRADE

**Marvelous Mammals**
*Life Science 1.2, 1.3*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 1.2, 1.3*

**Birds of a Feather**
*Life Science 1.2, 1.3*

**Botany: Plant Power**
*Life Science 1.2, 1.3*

## 2ND GRADE

**Marvelous Mammals**
*Life Science 2.1, 2.2, 2.3, 2.4*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 2.1, 2.2, 2.3, 2.4*

**Birds of a Feather**
*Life Science 2.1, 2.2, 2.3, 2.4*

**Some Things a Little Fishy**
*Life Science 2.1, 2.3*

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 2.1, 2.3, 2.10*

**Invertebrates: Boneless Bunch**
*Life Science 2.1*

**Botany: Plant Power**
*Life Science 2.2*

## 3RD GRADE

**Marvelous Mammals**
*Life Science 3.1, 3.2, 3.3*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 3.1, 3.2, 3.3*

**Birds of a Feather**
*Life Science 3.1, 3.2, 3.3*

**Some Things a Little Fishy**
*Life Science 3.1, 3.2*

**Dig This!**
*Life Science 3.4, 3.7*

**Wetlands: Put on Your Boots!**
*Life Science 3.9. 3.10*

**Invertebrates: Boneless Bunch**
*Life Science 3.1*

**Botany: Plant Power**
*Life Science 3.1*

## 4TH GRADE

**Marvelous Mammals**
*Life Science 4.1, 4.2*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 4.1, 4.2*

**Birds of a Feather**
*Life Science 4.1, 4.2*

**Some Things a Little Fishy**
*Life Science 4.1, 4.2*

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 4.2*

**Wetlands: Put on Your Boots!**
*Life Science 4.9*

**Botany: Plant Power**
*Life Science 4.2*

## 5TH GRADE

**Marvelous Mammals**
*Life Science 5.3*

**Birds of a Feather**
*Life Science 5.3*

**Some Things a Little Fishy**
*Life Science 5.3*

**Botany: Plant Power**
*Life Science 5.3*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 5.3*

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 5.10*

**Dig This!**
*Life Science 5.10*

**Wetlands: Put on Your Boots!**
*Life Science 5.3, 5.10*

## 6TH GRADE

**Marvelous Mammals**
*Life Science 6.1, 6.3, 6.4*

**Slither, Slide, Creep, and Crawl: Reptiles**
*Life Science 6.1, 6.3, 6.4*

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 6.1, 6.3, 6.4*

**Wetlands: Put on Your Boots!**
*Life Science 6.1, 6.3, 6.4*

## 7TH GRADE

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 7.3*

**Dig This!**
*Life Science 7.3*

**Wetlands: Put on Your Boots!**
*Life Science 7.3*

## 8TH GRADE

**Marvelous Mammals**
*Life Science 8.2*

**Endangered Species: Here Today, Gone Tomorrow**
*Life Science 8.4*

**Dig This!**
*Life Science 8.7*

## 9TH – 12TH GRADES

**Endangered Species: Here Today, Gone Tomorrow**
*Bio.4, Env.2, Env.3*

**Dig This!**
*Foundations of Biology .5*

**Wetlands: Put on Your Boots!**
*Bio.5, Bot.4*
*MAQ.4, MAQ.5, MAQ.6, MAQ.7*
*Env.2, Env.4*

**Invertebrates: Boneless Bunch**
*MAQ.6*
*Botany: Plant Power*
*Bot.1, Bot.2, Bot.6*

# STANDARDS-CORRELATED PROGRAM DESCRIPTIONS

**Marvelous Mammals:** From bats to bears, students will discover the defining characteristics of mammals and explore the many mammal species native to Mississippi.

**Slither, Slide, Creep, and Crawl:** Students will encounter live reptiles native to Mississippi and discuss their unique characteristics and the important role each plays in its ecosystem.

**Birds of a Feather:** Students will explore the unique adaptations of birds native to Mississippi and discover the role each species plays in its ecosystem.

**Some Things a Little Fishy:** Students will explore the unique adaptations of fish native to Mississippi waters and discover the role each species plays in its ecosystem.

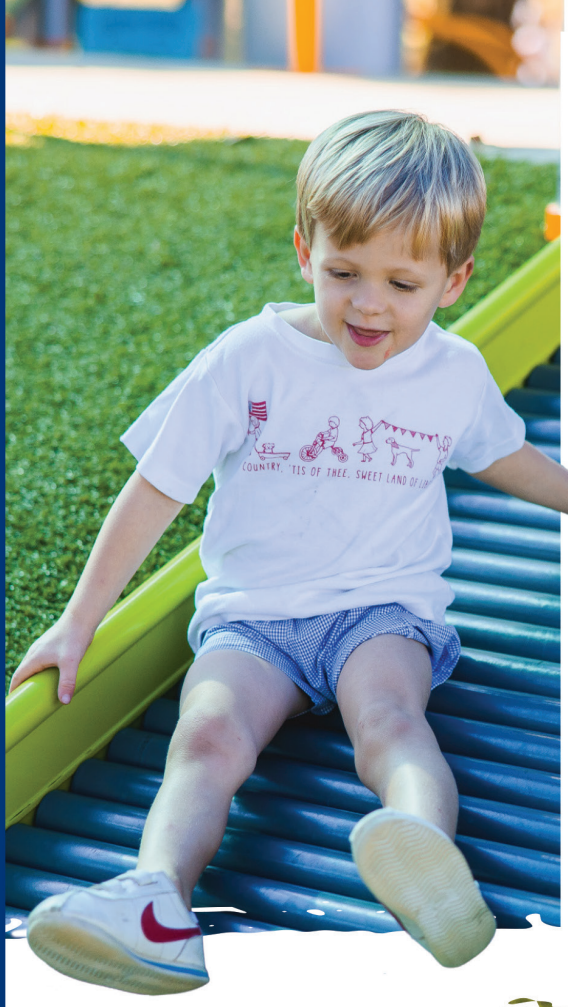
**Endangered Species-Here Today, Gone Tomorrow:** Students will gain an understanding of what endangered and extinct species are and the factors that contribute to the decline of a species population.

**Dig This!:** Students will gain an understanding of how fossils form over time and explore the geologic timetable of Mississippi.

**Wetlands-Put on Your Boots!:** This hands-on experience will teach students the importance of maintaining healthy wetland ecosystems. Students will take part in wetland research by testing water quality, studying the soil, plants, and other indicator species in the area.

**Invertebrates-Boneless Bunch:** Students will define what an invertebrate is and compare and contrast vertebrates and invertebrates. Hands-on investigations will offer students the opportunity to explore characteristics of native invertebrates and discuss the roles they play in their ecosystems.

**Botany-Plant Power:** Students explore plants native to Mississippi and discuss the life cycle and defining characteristics of each type of plant.



# SPOTTER'S SNACK SHACK

Need lunch plans? We have you covered! Spotter's snack shack is located right next to LeFleur's Bluff Playground! Perfect for an afternoon of fun before heading back to the bus!

**Pre-orders must be placed at least one week prior to visit by calling 601.576.6030.** *Prices subject to change.*

## Lunch Options

Hot Dog/Chips/16oz. water **$7.00 ea.**
Cheese Nachos/16oz. water **$6.00 ea.**





# LEFLEUR'S BLUFF PLAYGROUND

Conclude your museum visit with a stroll down Spotter's Adventure Trail to the LeFleur's Bluff Playground.

This state-of-the-art playground features: 80 play activities, 73 of which are inclusive to children with accessibility needs.

Spotter's Snack Shack, adjacent to the playground, offers a variety of drinks and snacks available for purchase.





# TEACHER LOAN KITS

**Bring thematic topics to life in your classroom! Teacher loan kits are offered free of charge and contain specimens, lesson plans, books, and other unique items relevant to the theme.**















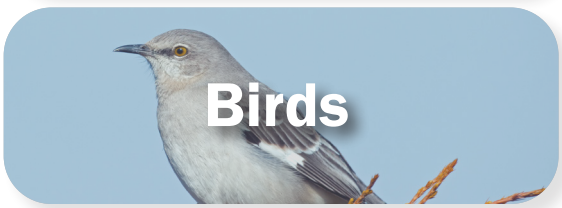















# TEACHER WORKSHOPS

Need CEUs? The Mississippi Museum of Natural Science offers engaging and interactive environmental education training led by certified Project WET and Project WILD program facilitators.

Workshops are offered statewide both at the museum and offsite and are ideal for formal and non-formal educators of all subjects and grade levels.






# MUSEUM IN YOUR CLASSROOM

Bring the Mississippi Museum of Natural Science to your classroom with free outreach educational programming throughout the state.



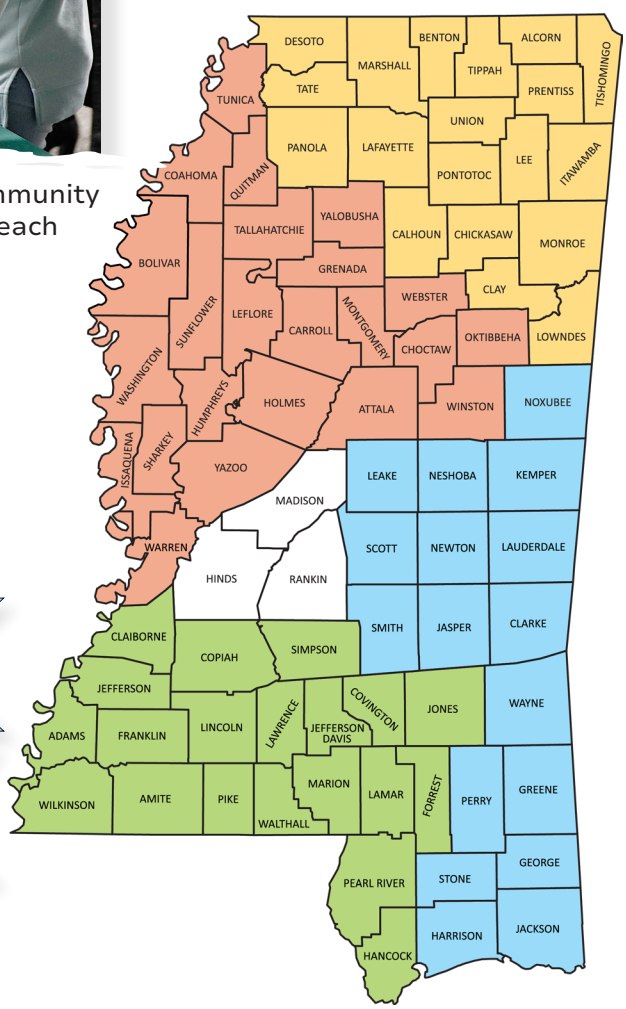
To book a program at your school or community event, please contact your regional outreach educator, listed below.

**NORTHEAST MS:**
Deb Davis
DEBORA.WAZ@MMNS.MS.GOV

**NORTHWEST MS:**
Jackie Henne-Kerr
JACKIE.KERR@MMNS.MS.GOV

**SOUTHEAST MS:**
Meaghan Huseman
MEAGHAN.HUSEMAN@MMNS.MS.GOV

**SOUTHWEST MS:**
Sabrina Cummings
SABRINA.CUMMINGS@MMNS.MS.GOV




Oligocene Epoch
23 to 34 Million Years Ago
Cretaceous Period
66 to 145 Million Years Ago



**Mississippi Museum of Natural Science**
www.mdwfp.com/museum
601.675.6000

2148 Riverside Drive
Jackson, MS 39202
in LeFleur's Bluff State Park

## Plan Your Visit