


MAKE YOUR MISSISSIPPI SCIENCE FRAMEWORK COME ALIVE

Bring your Mississippi Science Framework back from extinction
with a class field trip to our new temporary exhibit:



DINOSAURS!

Amazing and lifelike robotic dinosaurs are on the move at the Museum!

Sightings Daily
May 24, 2008 - January 4, 2009

Schedule your class for a fun-filled, hands-on, grade-level program led by Museum staff and satisfy a number of individual state standards for science (see details on back).

MISSISSIPPI
Museum of
Natural
Science

Fall 2008 offers a unique opportunity for school groups to complete specific competencies within the “Life Science” “Physical Science” and “Earth & Space Science” content strands of the *Mississippi Science Framework*. Experience our very special exhibit “DINOSAURS!”— May 24, 2008 - January 4, 2009 —and take advantage of hands-on programs to accomplish your academic goals!

ABBREVIATION KEY

Life Science

L

Physical Science

P

Earth & Space Science

E

HANDS-ON PROGRAMS

30–45 minutes each
(reservations required)

Age-appropriate,
curriculum-coordinated,
hands-on presentations
for grades K-12
are available for groups
of 15 to 30 students.

Call the Museum at
601.354.7303
ext. 135 or email
yolanda.hawkins@mmns.
state.ms.us.

KINDERGARTEN

1. Develop an understanding that living and non-living things have identifiable characteristics. **L**
 - a. Compare similarities between parents and offspring.
 - e. Classify objects as living or non-living based on characteristics.
 - g. Identify major external parts of living organisms (human, insects, and plants).

FIRST GRADE

2. Investigate the diversity of living things. **L P**
 - a. Classify plants and animals according to external features (scales, feathers, fur, etc.).
 - b. Identify plants and animals indigenous to Mississippi.
 - d. Explain the term “extinct” as related to animals.

SECOND GRADE

2. Research the diversity and interaction of living things. **L**
 - a. Define and recognize “endangered” species.
 - d. Classify animals in vertebrate categories (fish, bird, mammal, amphibian, and reptile).

THIRD GRADE

4. Discover how internal and external forces affect the Earth’s surface. **E**
 - a. Discuss places fossils can be found.
 - d. Relate how internal forces affect the Earth’s surface including earthquakes and volcanoes.

FOURTH GRADE

1. Investigate the ability of living things to adapt to their environment. **L**
 - a. Compare food chains and food webs.
 - b. Compare and contrast adaptations necessary for animals and plants to survive in different habitats.

FIFTH GRADE

5. Explore the diversity and adaptations of organisms. **L E**
 - a. Classify organisms by their similarities.
 - b. Explore and explain biological adaptations in a particular environment.
 - c. Research and investigate environmental changes and the inability of a species to adapt.
6. Investigate the structure of the Earth. **E**
 - d. Explore fossils as indicators of how life and environmental conditions have changed.

SIXTH GRADE

6. Model the structure of the Earth system past and present. **E**
 - c. Analyze fossils as indicators of how life and environmental conditions have changed.

SEVENTH GRADE

5. Examine survival strategies of organisms over many generations. **L**
 - a. Apply concepts of adaptation by analyzing how organisms are classified into groups and subgroups.
 - b. Research animal adaptations and behaviors as related to survival strategies.
 - c. Explain how natural and man-made pressures cause extinction.

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