

# BONE UP YOUR MISSISSIPPI SCIENCE FRAMEWORK

Get down to the bones of the Mississippi Science Framework  
with a class field trip to our new temporary exhibit:

**BONE  
UP  
ON  
BONES**

JAN 19 - MAY 11, 2008

*See yourself from the inside out as you  
uncover the marvels of the human skeletal system  
through hands-on exhibit activities  
and multimedia presentations.*

BLUE CROSS  
& BLUE SHIELD  
OF MISSISSIPPI

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).  
Don't miss out! Call today **601-354-7303!**

MISSISSIPPI  
Museum of  
Natural  
Science

Winter/Spring 2008 offers a unique opportunity for school groups to complete specific competencies within the “Life Science” **L** and “Earth & Space Science” **E** content strands of the *Mississippi Science Framework*. Experience our very special exhibit “Bone Up On Bones”— January 19 - May 11, 2008 —and take advantage of hands-on programs to accomplish your academic goals!

### 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.

Because of staffing  
and facility requirements  
the last hands-on program  
for the spring will be  
March 18, 2008.  
It is important that you  
make your reservations  
right away.

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

MISSISSIPPI  
Museum of  
Natural  
Science

### KINDERGARTEN

1. Develop an understanding that living and non-living things have identifiable characteristics. **L**
  - a. Compare similarities between parents and offspring.
  - d. Differentiate among humans, other animals, and plants.
  - g. Identify major external parts of living organisms (human, insects, and plants).

### FIRST GRADE

1. Explore the basic patterns of living systems. **L**
  - d. Identify major organs of the human body such as the heart, lungs, brain, intestines, and stomach.

### SECOND GRADE

1. Explore the functions and systems of living things. **L**
  - c. Describe the function of the major internal organs to include the heart, brain, lungs, liver, kidneys, and intestines.
  - d. Investigate the digestive system.

### THIRD GRADE

2. Explore the components of living systems. **L**
  - g. Understand the functions of the skeletal system and label major bones of the human body.

### FOURTH GRADE

2. Explore the interactions of components in living systems. **L**
  - a. Identify parts and basic functions of various body systems (circulatory, respiratory, digestive, skeletal and nervous systems).
  - c. Group animals as invertebrates or vertebrates.

### FIFTH GRADE

1. Identify and describe structures and functions in living systems. **L E**
  - a. Investigate levels of organization in organisms including cells, tissues, organs, organ systems, whole organisms, and ecosystems.

### SIXTH GRADE

1. Investigate structure and functions in living systems. **L E**
  - a. Identify, compare, and contrast levels of organization including cells, tissues, organs, organ systems, and organisms.

### SEVENTH GRADE

1. Compare and contrast structure and function in living systems. **L**
  - a. Compare and contrast plant and animal cells through investigations.
  - c. Illustrate the parts of the digestive system and the interaction of each part.