

# **DINOSAURS**

## **GOAL FOR VISIT**

**G**

To help understand the history of life on earth through the study of dinosaurs.

### **Students Will Understand That:**

**U**

### **Essential Questions**

**Q**

- The prehistoric world of the Mesozoic Era was very different from our own.
- Not everything that lived in the Mesozoic Era were dinosaurs.
- Dinosaurs and people did not live at the same time.
- The type of food eaten by a dinosaur can be known by the kind of teeth it had.

- What was a dinosaur?
- What happened to the dinosaurs?
- How did dinosaurs become extinct?
- When and where did dinosaurs live?
- Do we know what color dinosaurs were?
- How do we know that dinosaurs once lived?

### **Students Will Know:**

**K**

### **Vocabulary:**

**V**

- How a fossil is formed.
- How scientists use scientific inquiry to study fossils.
- How dinosaurs are named.

carnivore	herbivore
cast	omnivore
dinosaur	paleontologist
extinct	paleontology
fossil	reptile

### **Learning Plan**

**L**

Pre Visit Activity  
 Post Visit Activity  
 Discussion Questions  
 Dinosaur Action Poem  
 Dinosaur coloring Page  
 Color by Letter Dino  
 T is for Triceratops  
 A Nest of Dinosaur Eggs Math Worksheet  
 Creative Writing Ideas

Quick Dino Activities  
 Making an Imprint Fossil  
 Dinosaur Sizes Math Activity  
 Dinosaur Poem  
 Dinosaur Similes  
 Dinosaur Unscramble  
 Dinosaur Name Game  
 The Great Dino Quiz  
 Who Am I?

### **Supports the Following Arizona State Standards**

**SS**

#### **Science**

Strand 1 The Inquiry Process Concepts 1, 2, 3, 4  
 Strand 2 The History and Nature of Science, Concept 1  
 Strand 4 Life Science, Concepts 1, 2, 3, 4  
 Strand 6 Earth and Space Science, Concept 1

#### **Reading**

Strand 1 Reading Process, Concepts 2, 3, 4  
 Strand 3 Comprehending Information in Texts,  
 Concept 2

#### **Math**

Strand 1 Number Sense and Operations, Concepts 1, 2, 3

#### **Writing**

Strand 1 Writing Process, Concepts 1, 2, 3, 4, 5  
 Strand 2 Writing Elements, Concepts 1, 2, 3, 4, 5, 6  
 Strand 3 Writing Applications, Concepts 1, 2, 6

#### **Arts**

Strand 2 Beginning Dance Concept 3

*\* Please note: For information on field trip opportunities and the Educator Resource Guide for this subject, please call the Arizona Museum of Natural History's group reservation line at 480-644-3553.*