



Lending Library: Dinosaurs and Geologic Time

1. Lesson Plans:

- a. Fields of Time
- b. Creating a Geologic Timeline
- c. How Much Time Has Passed Since Dinosaurs Were Around?
- d. What is a Dinosaur?
- e. Dinosaur Giants
- f. Bones, Teeth and Claws

2. Classroom Resources:

1. Geologic Time background information
2. Dinosaur Basics background information
3. Checklist of applicable Montana Content Standards
4. Vocabulary list
5. List of recommended resources for educators, parents, and teachers
6. *Dinosaurs Under the Big Sky* by Jack Horner
7. *Digging Up Dinosaurs* by Jack Horner
8. *Boy Were We Wrong About Dinosaurs!* By Kathleen V. Kudlinski
9. *Adventures in Paleontology (curriculum guide)* by Thor Hansen and Irwin Slesnick
10. *Dinosaurs: The Science Behind the Stories (curriculum guide)* by Scotchmoor, Breithaupt, Springer, and Fiorillo
11. DVD: *Digging Up Dinosaurs, Vol. 1: In the Field* by MOR
12. DVD: *Valley of the T-Rex* by Discovery
13. DVD: *Allosaurus: Walking with Dinosaurs Special* by BBC
14. *Dinosaurs: A Visual Encyclopedia*

(continued on the next page)

Lesson Materials:

- **Fields of Time**
 - Labeled flags
 - Fields of Time notes
 - Event images

- **What is a Dinosaur?:**
 - 20 plastic animals
 - “What is a Dinosaur?” notes
 - Two plastic bins
 - Laminated signs (“Dinosaur” and “Not a dinosaur”)
 - Laminated signs (“Avian dinosaur” and “Non-avian dinosaur”)
 - Two real dinosaur fossil specimens
 - Image of *Archaeopteryx* fossil

- **Dinosaur Giants:**
 - Pictures of T-Rex, Diplodocus, Troodon, and Deinonychus
 - Cloth replicas of dinosaur femurs, horse femur, and elephant femur
 - Sidewalk chalk (for outdoors) or sticky labels (indoors)
 - Laminated pictures of Compsognathus, Triceratops, Apatosaurus, and Brachiosaurus
 - Casts of Maiasaura adult and hatchling femurs
 - Tape measure

- **Bones, Teeth and Claws!**
 - 14 dinosaur images