

Dinosaurs Junior Girl Scout Badge

Complete six activities to earn Junior GS Badge. Activity #1 is required.

1. **Visit your local Dinosaur or Natural History museum and learn about life in ancient times.**
2. Colorado is packed full of all types of natural wonders. Explore the geology or archeology of our region and see what fascinating items you discover.
3. Paleontology is a young field of science. The word means "The Study of Ancient Life." Be able to answer the following:
 - What is a fossil?
 - What does the word "Dinosaur" mean?
 - What is a paleontologist?
 - Where do you find dinosaur bones?
4. Geology is more than the study of rocks. There are two branches of Geology: Physical and Historical. Pick one of these branches and learn more about it.
5. Fossils are very delicate and expensive. Most museums have casts of dinosaur bones on display. Learn how fossils are preserved and make your own fossil.
6. The "Age of Dinosaurs" was made up of three different periods: The Triassic, The Jurassic and The Cretaceous. Our world, including Colorado, was a very different place during these earlier times. Learn what our area was like during the Cretaceous period and what type of life flourished here.
7. Dinosaurs are usually named after a trait, the area they were found or the person who discovered them. The name is converted into Greek or Latin, which has been used to describe animals since ancient times. Find out the meaning of the following dinosaur names, in English, and then create your own dinosaur name.
 - Tyrannosaurus-Rex
 - Triceratops
 - Albertosaurus
8. Dinosaurs are a favorite movie villain. Watch a dinosaur movie and discuss it. Did the movie have more fiction or fact about dinosaurs?
9. Paleontologists use lots of different tools to prepare fossils. Learn about three different tools and how they are used in fossil preparation.
10. Fuels are hydrocarbon deposits made from living matter of a previous geologic time and are now used for fuel. The three most common are coal, oil and natural gas. Learn about one of these fuels and its impact on the environment.