



### **We're excited that you are considering Field Station: Dinosaurs for your field trip experience!**

The educational group rate is \$10 per student for groups of twenty or more. If you are Title I, that price drops to \$7 per student. For every twenty students, you will receive one complimentary chaperone ticket.

Your visit will include a thirty-minute, guided tour, five thirty-minute guided activities, time on your own to explore, and a photo op with our Mighty T-rex – a 16 foot T-rex puppet. The kids LOVE to visit to our Tricerashops store too!

The park includes 44 animatronic dinosaurs, all based on the latest science regarding paleontology and the size and shape of dinosaurs. There is also a Fossil Dig where your students can dig for a life-sized fossil. We also have our Picnic Pavilion just outside the park gates in our Basecamp area, available for your group to have a picnic lunch if you wish.

Below is information that cites specific, Kansas standards and how we can meet those standards. Let me know if you need additional information on this. Although the standards are broken down by grade, many standards listed for other grades will be met during your visit, so the scope of learning is enhanced.

Finally, all third-grade classes from the Newton, KS school district visited the Field Station last fall (see picture above) and two of the teachers have agreed to speak with educators from neighboring districts about the efficacy of bringing your students to the park. Their contact information is:

Kendra Pugh – Kendra.pugh@usd373.org or 316-284-6560  
Emily Schmidt – Emily.schmidt@usd373.org or 316-284-6540

Thanks for considering Field Station: Dinosaurs for your field trip. If you have any additional questions, don't hesitate to give me a call. You can most easily reach me on my cell phone: 316.833.1171.

Best regards,  
Lon Smith, Park Manager

## **Kansas Science Standards Met During Field Station: Dinosaurs Field Trips**

Below is a list of Next Generation Science Standards (NGSS) which are addressed at Field Station: Dinosaurs. Many of these standards are discussed during a show, game or activity found at one of our show tents or the amphitheater, while others can be found on the signage throughout the park. In order to create the list below, our content was compared to the standards found at [www.community.ksde.org/science](http://www.community.ksde.org/science).

### **Kindergarten**

#### ***K-LS1-1***

The show, T. Rex Feeding Frenzy, talks about how similar conditions, soil, sunlight, plants and even some animals were present in the time of the T. Rex as are present today. T. Rex Feeding Frenzy discusses how animals with different types of teeth ate different types of foods. This show also discusses the different classifications of animals, based on what their diet consists of: carnivores, herbivores, piscivore, omnivore, and insectivore.

**First Grade***1-LS1-1*

What Color is Your Dinosaur talks about external coloration and its role in survival, including using mud as a sunscreen (modeled from animals).

*1-LS3-1*

Several parent/offspring pairs of dinosaurs are present in the park, demonstrating the similarities/differences between parents and offspring.

**Second Grade***2-LS4-1*

Backyard Fossil Hunter discusses the variety of dinosaurs and other prehistoric creatures and how it models differing adaptations to a variety of ecosystems and niches from aquatic to airborne. The structures such as cooling fins, flippers, and wings lend themselves to the discussion of the relationship between structure and function.

*2-ESS1-1*

Backyard Fossil Hunter talks about the different kinds of rock that can be found, the conditions they are formed under, the speed at which they form and some characteristics of them.

**Third Grade***3-LS2-1*

Evidence is presented that some of the prehistoric animals did form groups to promote survival. As you visit the park, discussion about this evidence is presented on boards in front of many dinosaurs including compsognathus, velociraptor and hypsibema missouriensis, among others.

*3-LS4-1*

Extensive discussion and evidence is provided regarding fossil evidence of animals and their environments.

*3-LS4-3 and 3-LS4-4*

What Color is Your Dinosaur discusses environmental fit due to coloration

*3-LS1-1*

Many examples in the park show the trend of organism similarity in life cycle to prehistory.

*3-LS3-1*

Several parent/offspring pairs of dinosaurs are present in the park, demonstrating the similarities/differences between parents and offspring.

*3-LS4-2*

What Color is Your Dinosaur discusses color and other traits and how they provide advantages to survival.

**Fourth Grade***4-LS1-1*

What Color is Your Dinosaur discusses external features that aid in survival and reproduction, while the variation of structures represented by the animals demonstrates the variation possible, often directly linked to the function of the structures.

*4-ESS1-1*

The presence of Marine fossils in the local rocks highlights this standard. Backyard Fossil Hunters talks about the prevalence of marine fossils in the local rocks, and the cause for this. The Tylosaurus and Niobrerosaurus exhibits also discuss evidence for the changed landscape from Marine to Terrestrial.