

4th GRADE NATURE EXPLOSION

SIoux COUNTY CONSERVATION BOARD

PRAIRIE WOODS NATURE CENTER

What students should bring:

Tennis shoes or hiking boots

Water bottle for drinking water (optional)

Weather-appropriate clothing

What teachers should bring:

First aid kit, Kleenex, hand sanitizer

One or more adult for every 6-10 children

Sunscreen/bug spray (optional)

Contact for scheduling:
Assistant Director/
Environmental Education
Coordinator
Sunday Ford

Field trip leaders
Sunday Ford
sundayf@siouxcounty.org
712/551-6780
Sarah Davelaar
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712/551-6715

Field Trip Overview

Nature Explosion Field Trips are designed to be an exciting investigation into many topics that you may cover during the school year. Includes nature hike and hands-on learning stations.

Suggested Field Trip Itinerary

9:30am Arrive at Oak Grove Park, Deer Run Campground, park in campground.

9:30-11:00 Divide into groups of 6-10 for hike, with one adult assigned to each group. Hike at Oak Grove Park.

11:00-11:45 Lunch and free time in campground.

12:00 Gather in basement classroom OR use picnic tables in Deer Run Campground, divide into 20-minute stations.

12:15-12:35

12:40-1:00

1:05-1:25

1:30-1:50

2:00-2:30 live animals or game and clean classroom

Iowa Core and NGSS met by this Field Trip

4-ESS2-1 Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.

Activity: During our hike, we will stop at the large Sioux Quartzite outcropping and discuss the formation of the rock, as well as climb it!

Activity: During the hike we will sort rocks into Igneous, Sedimentary, and Metamorphic, as well as wishing, skipping and worry rocks.

4-LS1-1 Construct and argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

Activity: We will play a game during a station to demonstrate camouflage.

Activity: Students will use different items to mimic bird beaks in order to pick up bird “food”.

Activity: During stations students will make a tracks cootie catcher, to enhance knowledge about animal foot design and adaptations.

4-LS1-2 Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

Activity: We will figure this out through a game about predators and prey.

Note: this does not include the many standards met in the professionally designed exhibits, which were designed around NGSS.