

# 2ND 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  
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### 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 Prairie Woods Nature Center, gather outdoors for hike. **OR** Use east student entrance and head to basement classroom to get organized.

**9:30am-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, divide into 20-minute stations.

**Station ideas are: Dozen Touches, Exhibits, Mandalas, Noodle Tag**

**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

### **2-LS2-2 Develop a simple model that mimics the function of an animal in dispersing seeds or pollinating plants.**

**Activity:** On the hike, students will get a piece of tape to place around wrist or ankle to mimic how an animal collects seeds in their fur as they move through their habitat.

**Activity:** On the hike, students will use a whirlybird toy to mimic seed dispersal using wind and compare to maple seeds.

### **2-LS4-1 Make observations of plants and animals to compare the diversity of life in different habitats.**

**Activity:** Diversity of plants and animals will be discovered by studying the life inside of small sections of habitat using hula hoops on the hike.

### **2-LS2-1 Plan and conduct an investigation to determine if plants need sunlight and water to grow.**

**Activity:** During the hula hoop habitat study, we will investigate plant and animal needs in our study area.

### **2-ESS2-2 Develop a model to represent the shapes and kinds of land and bodies of water in an area.**

**Activity:** On our hike, this standard can easily be met by “reading” land and highlighting where water goes. Part of the hike may include the pond or river, as well as natural springs.

### **2-PS1-1 Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.**

**Activity:** Dozen touches is a scavenger hunt based on the sense of touch

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