

2ND GRADE: SEED ECOLOGY

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

Seeds are the basis for life on Earth. What better way to learn about them than through a walk in nature. We will be classifying, collecting and investigating seeds and their dispersal methods.

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: Seeds for Art's Sake, Soil Investigation, Make Your Own Seed, Exhibits

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

Activity: During one of the stations students will have the opportunity to sort their seeds collected on the hike on a worksheet based on method of dispersal at a station.

Activity: During one of the stations students will choose a seed and draw art around it based on the seed dispersal type.

Activity: During one of the stations, students will identify and note the three parts of loam soil, as well as organic and inorganic materials.

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

Activity: Students will get a sock to mimic how an animal collects seeds in their fur as they move through their habitat.

Activity: Students will use simple items to make their own seeds based on a dispersal method they wish.

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 during the hike.

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