

# High School: Restoration Field Day

SIOUX COUNTY CONSERVATION BOARD

PRAIRIE WOODS NATURE CENTER

## What students should

### bring:

Sack lunch

Tennis shoes or hiking boots

Water bottle for drinking water

Weather-appropriate clothing

Work clothes/gloves

## What teachers should

### bring:

First aid kit, Kleenex, hand sanitizer

One or more adult for every 8-12 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

Restoration involves putting work into restoring a landscape back to its original appearance or function. Restoring takes hard work, time and dedication. Students will become a part of the restoration process as they aid conservation workers in areas of the park that are being overtaken by invasive species or simply need a helping hand.

## Suggested Field Trip Itinerary

**9:30** Arrive/Introduction on What/Why/How, Before

**10:00-12:00** Morning Projects

**12:00-12:30** Lunch Time/Break

**12:30-2:00** Afternoon Projects

**Possible projects include: Removing Buckthorn-Black Locust-Honeysuckle-Eastern Red Cedar-Leafy Spurge, Hiking Trail Updates, Seed Harvesting, Plantings, Blue Bird Houses**  
**\*\*All Projects are Season Dependent\*\***

**2:00-2:30** Wrap up/Cleaning/Depart

Iowa Core and NGSS met by this Field Trip

**21.9–12.ES.1 Essential Concept and/or Skill: Communicate and work productively with others, incorporating different perspectives and cross cultural understanding, to increase innovation and the quality of work.**

Restoration goals are not met in one day, they take days, weeks even years to complete. As the project evolve so do the methods of restoration. Team work and communication are needed to make sure the final goal will one day be achieved.

**Activity: All**

**\*HS-LS2-7. Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity.\***

Humans have left their mark in almost any landscape, including Northwest Iowa: diverting streams, building dikes/dams even spreading invasive. A group discussion will be held on finding a solution.

**Activity: Removing Buckthorn-Black Locust-Honeysuckle-Eastern Red Cedar-Leafy Spurge, Blue Bird Houses**

Standards continue on next page



## Iowa Core and NGSS met by this Field Trip continued...

**HS-LS4-5. Evaluate the evidence supporting claims that changes in environmental conditions may result in: (1) increases in the number of individuals of some species, (2) the emergence of new species over time, and (3) the extinction of other species.**

Succession is a natural phenomenon; however, the natural process of succession has been altered by humans and other physical environmental changes. With intentional efforts, we can help reline the natural succession process of a land.

**Activity: Removing Buckthorn-Black Locust- Honeysuckle-Eastern Red Cedar-Leafy Spurge, Blue Bird Houses**

**HS-LS4-6. Create or revise a simulation to test a solution to mitigate adverse impacts of human activity on biodiversity.\***

Being in control of our environment is something humans value- it gives us security. However, some of the choices society now prefers and values as 'normal' are not how things were originally and actually will do harm in the long run to the natural world. Through intentional efforts, we can merge the current concerns with historic natural processes to come up with a solution.

**Activity: Removing Buckthorn-Black Locust- Honeysuckle-Eastern Red Cedar-Leafy Spurge, Blue Bird Houses Hiking Trail Updates, Seed Harvesting, Plantings**

\* Indicates standard partially met