

# Externship 2021



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Central  
2021 extern at Buchanan  
County Conservation

## Part I: Overview of Workplace

Buchanan County Conservation at Fontana Interpretive Nature Center in Hazleton, IA

Provides parks, prairies, woodlands, wetlands, and river access for people and wildlife.

Manages 41 different properties.

Conservation Board's mission: "improve quality of life through programs of conservation and education."

Nature Center provides hands on learning activities for people of all ages.

## Part II: Workplace Focus

### Workplace focus: Naturalist

- Provides educational programming for all ages
- Helps promote the use of natural areas
- Maintains parks and other lands

### Jobs

- Run summer camps
- Plan and provide programs
- Care for animals and plants
- Create displays for nature center

## Part III: Introduce the Problem

### Endangered Species of Iowa

Student prompt: “You are tasked with creating a survival or reintroduction plan for a species in northeast Iowa.”

Public Product: This can vary from student to student. They will be encouraged to not just do a poster

## Part IV: Standards, Driving and Essential Questions

ESS3-3: Create a computational simulation to illustrate the relationships among the management of natural resources, the sustainability of human populations, and biodiversity

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

## Part IV: Standards, Driving and Essential Questions

Driving Question: How do scientists create survival plans for species?

Supporting questions:

1. What is an endangered species?
2. How do scientists determine endangered species?
3. What are management strategies and how are they used in Iowa?

## Part V: Extern Host Role

- Provide introductory information
- Provide information along the way of the project
- Be the audience/judges of the final products

Sondra Cabell and Michael Maas

Naturalists at Buchanan County Conservation

## Part VI: Student Learning

Student choice: Species and product type

Revision will be done at several points in the project.

Both peer and self reflection will occur.