### Objectives

(A) **Natural Resource Conservation**

- Define and describe natural resource conservation
- Compare historical fish and wildlife trends and the public’s response
- Outline the variety of jobs in conservation organizations, educational requirements, employment opportunities and how to prepare for a professional conservation career
- Distinguish the difference between basic fish and wildlife legalities and ethics

**Performance:** 1.4, 1.8, 1.10  
**Knowledge:** (CA) 4  
**CACLE:** LS.2.A  
**NETS:** 1b  
**DOK:** 3

### Assessment/Evaluation

Students will be:

- evaluated through a teacher created quiz at the conclusion of the unit
- assessed using a teacher created scoring guide

### Instructional Activities

- Students will:
  - read from teacher provided text and complete worksheets
  - create a poster showing what natural resources conservation means to them right now
- The teacher will lead a lecture utilizing PowerPoint on natural resource conservation
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| **Fish and Wildlife Values** | Students will be evaluated through a teacher created quiz at the conclusion of the unit | • Students will read from teacher provided text and complete worksheets  
• The teacher will lead a lecture utilizing PowerPoint on:  
  • commercial  
  • recreational  
  • social  
  • esthetic  
  and the negative impacts wild animals have on humans  
• Guest speaker from MDC to discuss benefits |
| • Calculate the commercial value of fish and wildlife resources and how it can benefit the economy and landowners  
• List the different recreational values of fish and wildlife resources  
• Describe the social values and benefits associated with fish and wildlife resources  
• Describe the esthetic value of fish and wildlife resources  
• Evaluate the negative impacts wild animals have on humans and the objective of wildlife damage control | | |

Performance: 1.6, 1.10  
Knowledge: (CA) 3,4  
SCCLE: SC4.1.D  
NETS: 2b  
DOK: 2
### Objectives

**Habitat Management Principles and Techniques**
- Explain ecological principles and how they apply to fish and wildlife management
- Design a cropland management plan for wildlife
- Select grassland management practices that improve livestock forage and wildlife habitat
- Assess how forest management can be used to improve wildlife habitat
- Define and describe wetlands and their importance
- Describe stream behavior and relate how it affects fish and wildlife habitat
- Describe the government conservation assistance available to Missouri landowners

**Fish and Wildlife Protection**
(If time allows)
- Relate the reasons for fish and wildlife regulations and describe how they are made and enforced in Missouri
- Describe the legal process associated with fish and wildlife violations

### Assessment/Evaluation

- Students will be evaluated through a teacher created quiz at the conclusion of the unit
- Created habitats will be assessed using a teacher created scoring guide

- Students will:
  - read from teacher provided text and complete worksheets
  - create a habitat specific to a variety of species of their choice
  - The teacher will lead a lecture utilizing PowerPoint on habitat management of various animals
  - A guest speaker from the USDA Conservation Assistants will speak on government programs specific to wildlife habitat management

- Students will:
  - conduct research utilizing the Internet and MDC resources on how regulations have changed over time
  - The teacher will lead a lecture utilizing PowerPoint on wildlife regulations
  - If possible, a conservation agent will speak on wildlife codes and enforcement

### Instructional Activities

- Students will:
  - read from teacher provided text and complete worksheets
  - conduct research utilizing the Internet and MDC resources on how regulations have changed over time
  - The teacher will lead a lecture utilizing PowerPoint on wildlife regulations
  - If possible, a conservation agent will speak on wildlife codes and enforcement