Course Title:	Wildlife Management
Grade(s):	11th/12th

Course Description
This course will emphasize wildlife identification, laws pertaining to species, and the development, maintenance, and control of habitats. In addition, predator/prey relationships, endangered species concerns, and the relationship between society and wildlife will also be studied and researched.
Approved Curricular Materials/Textbook(s)

Unit Title	Unit Description (Include Unit Objectives)	Unit Pacing
Unit 1: Introduction to Wildlife Management	This unit is an introduction to wildlife management and how the career has developed through events and historical figures. Students will learn about the difference between preservation and conservation while also learning about individuals who helped to shape wildlife conservation and management. Students will: ● Describe the difference between wildlife conservation and preservation. ● Identify key historical figures/events that have helped shape the management and preservation of wildlife seen today. ● Define wildlife management and explain its purpose. ● Identify major ecosystems and wildlife communities. ● Explain the importance of biodiversity and conservation. ● Describe how human activities affect wildlife populations. ● Investigate careers related to wildlife and natural resources. ● Demonstrate safe and responsible outdoor and field practices.	3 weeks

Unit 2: Habitat	In this unit, students will gain a deeper understanding of the need to learn about habitat and its components before trying to manage areas for wildlife. Students will learn about the key elements needed in a habitat (water, food, space, shelter) and how those affect wildlife populations. Additionally, students will learn about population dynamics and food webs/chains while also learning about symbiotic relationships. Students will: ● Identify the main elements of habitat. ● Develop a plan for a specific species to improve its habitat. ● Evaluate habitat requirements for various wildlife species. ● Develop habitat improvement plans using agricultural and conservation practices. ● Assess the effects of land management decisions on wildlife health and sustainability. ● Demonstrate methods used to provide food, water, shelter, and space for wildlife. ● Analyze the relationship between carrying capacity and habitat availability.	4 weeks
Unit 3: Birds	In this unit, students study the anatomy, behaviors, identification, and ecological importance of birds. Emphasis is placed on bird adaptations, migration patterns, habitat needs, and conservation efforts. Students will: ● Identify common bird species by physical characteristics and behavior. ● Describe adaptations that allow birds to survive in different environments. ● Explain bird migration patterns and seasonal behaviors. ● Compare habitats used by different bird species. ● Conduct bird observations and collect field data. ● Investigate conservation issues affecting bird populations. ● Demonstrate proper use of field guides and binoculars.	3 weeks
Unit 4: Mammals	This unit explores the characteristics, classification, behaviors, and management of mammals commonly found in North America. Topics include population	4 weeks

	dynamics, habitat needs, and the role mammals play in ecosystems and agriculture. Students will: ● Identify common mammal species and their distinguishing characteristics. ● Classify mammals based on physical and behavioral traits. ● Analyze the roles mammals play within ecosystems. ● Interpret signs of mammal activity such as tracks, scat, and feeding evidence. ● Explain factors that influence mammal populations. ● Compare predator and prey relationships. ● Evaluate wildlife conflicts involving mammals and agriculture.	
Unit 5: Wildlife Management Practices	In this unit, students examine practical wildlife management techniques used to maintain healthy wildlife populations and habitats. The unit focuses on conservation laws, population management, habitat restoration, and sustainable resource use. Students will participate in a “town hall debate” where students take a stance on a property and need to look at all sides of a conservation debate. Students will: ● Explain the goals and methods of wildlife management practices. ● Evaluate wildlife population management strategies. ● Describe the role of hunting, fishing, and regulations in conservation. ● Investigate habitat restoration and improvement techniques. ● Interpret wildlife management data and population trends. ● Develop management recommendations for specific wildlife scenarios. ● Demonstrate ethical and responsible stewardship of natural resources. ● Analyze current wildlife management issues and propose solutions.	4 weeks