

**ENVIROTHON
LEARNING OBJECTIVES/
TESTING AREAS**

Wildlife

- A. Identify common wildlife species and wildlife signs (keys will be used for more extensive identification)

- B. Identify basic wildlife survival needs

- C. Describe specific adaptations of wildlife to their environment and role in the ecosystem

- D. Describe predator/prey relationships and examples

- E. Describe the potential impact of the introduction of non-native species

- F. Describe the major factors affecting threatened and endangered species and methods used to improve the populations of these species

TEKS Courses

Biology 8(A)(B)(C); Wildlife and Recreation Management 3(B); Environmental Technology 2(D)

Biology 12(D); Environmental Systems 4(D); Wildlife and Recreation Management 3(A); Range Management and Ecology 3(A)(B)(C)

Biology 7(A)(B), 9(B)(D), 12(B)(C); Environmental Systems 4(A), 6(B)(C)(D); Wildlife and Recreation Management 3(A); Environmental Technology 2(D)

Biology 12(B); Environmental Technology 2(D)

Environmental Systems 4(C)(D); Wildlife and Recreation Management 3(A); Range Management and Ecology 3(A)(B)(C)(D)(E)

Environmental Systems 4(D)(E), 5(F), 7(D); Environmental Technology 3(A)(B)(C), 4(A)(B)(C)(D), 5(B)(C)(D)(E)

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LEARNING OBJECTIVES/**

TESTING AREAS

- G. Describe ways habitat can be improved for specific species by knowing their requirements
Environmental Systems 7(A)
- H. Discuss the concepts of carrying capacity and limiting factors
Biology 12(D); Environmental Systems 4(D), 7(A)(B)(C)(D); Range Management and Ecology 2(B)(C);
- I. Discuss various ways the public and wildlife managers can help in the protection, conservation, management, and enhancement of wildlife populations
Environmental Systems 4(D)(E), 8(A); Wildlife and Recreation Management 2(A)(B)(C), 3(C), 4(A)(B)(C)(D); Range Management and Ecology 3(B)(E), 4(A)(B)(C)(D)
- J. Describe food chains/webs and cite examples
Biology 9(D), 12(B)(E); Environmental Systems 4(D), 6(B)(C)(D); Range Management and Ecology 3(A); Environmental Technology 2(D)
- K. Describe factors that limit or enhance population growth
Environmental System 4(D), 7(A)(B)(C)(D); Wildlife and Recreation Management 3(C); Range Management and Ecology 3(E)
- L. Evaluate a given habitat for its suitability for designated species, given a description of their habitat needs
Biology 12(D); Environmental System 4(B), 5(A);