

## CFISD Wildlife, Fisheries and Ecology Management

### Scope and Sequence

**Course Description:**

This course is designed to inform the students about wildlife management and outdoor recreation. Hunting and fishing skills and safety are taught as well as water and boating safety. State certification in these areas is available to students who qualify (state-mandated fee required for certification). Wise use of our natural resources and career opportunities are also covered.

- ◆ 1 credit, Grades 10-12
- ◆ Required prerequisite (or concurrent) for 10th graders: Principles of Agriculture, Food, and Natural Resources
- ◆ Assessment for verification of industry-recognized training is available for a fee.
- ◆ Lab supplies or fee may be required.

TEKS

Cluster: Agriculture, Food, and Natural Resources

Endorsement: Business & Industry

- Meets advanced course requirement (Y/N): N
- Meets foundation requirement for math, science, fine arts, English, LOTE (Y/N-area): N

Industry Certification/Credentials: Angler Education (optional), Hunter Safety & Boater Safety

Instructional Units	Pacing
1 <sup>st</sup> Semester Course Requirements & Get to Know You Supervised agricultural experience program Importance of wildlife, with an emphasis on use and management Scientific basis for wildlife management Interrelationships between the various aspects of wildlife and outdoor public use management Texas Parks & Wildlife Hunter Education	1 <sup>st</sup> Grading Period
NASP Archery Natural cycles and related phenomena to describe ecologic concepts and principles Planning data by monitoring natural resource status Natural resource enhancement techniques using scientific knowledge from the study of environment and wildlife Identification of game, non-game, upland, migratory game bird, and waterfowl species	2 <sup>nd</sup> Grading Period
2 <sup>nd</sup> Semester Texas Parks & Wildlife Boater Education Cartographic skills to natural resource activities	3 <sup>rd</sup> Grading Period
Identification of freshwater and saltwater species Importance of facilities, harvest, processing, and marketing of aquaculture products Concepts related to optimum production Employability characteristics of a successful employee Review & Final	4 <sup>th</sup> Grading Period

Primary Instructional Materials: Wildlife & Natural Resource Management by Cengage Learning Inc; Texas Parks & Wildlife Materials