

# NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

## Agricultural Education

**Grade:** Grade 9 - 12

**Course:** Natural Resources II

**NCCTE.2018.AN52** - Natural Resources II

**NCCTE.2018.AN52.01.00** - Understand leadership opportunities in natural resources.

**NCCTE.2018.AN52.01.01** - Understand organizations available for students in natural resources and the purpose of communication and public speaking techniques.

**NCCTE.2018.AN52.01.02** - Understand the procedures used to conduct a business meeting and parliamentary abilities.

**NCCTE.2018.AN52.02.00** - Understand financial records and work-based learning opportunities in natural resources.

**NCCTE.2018.AN52.02.01** - Understand skills needed for keeping financial records in the natural resources industry.

**NCCTE.2018.AN52.02.02** - Understand the Supervised Agricultural Experience component of the natural resources class.

**NCCTE.2018.AN52.03.00** - Understand the role of forests, trees, and management techniques and their importance in the environment.

**NCCTE.2018.AN52.03.01** - Remember identifying characteristics of NC trees and common forest pests.

**NCCTE.2018.AN52.03.02** - Understand management practices used in forestry to improve forest quality.

**NCCTE.2018.AN52.03.03** - Demonstrate harvesting skills that reflect management practices as recommended by the NCDFR.

**NCCTE.2018.AN52.04.00** - Understand information related to the quality, properties, and use of soil and water.

**NCCTE.2018.AN52.04.01** - Understand soil conservation management practices and techniques used to properly sample soils and evaluate test results.

**NCCTE.2018.AN52.04.02** - Understand issues related to water pollution, quality, sampling, and identification of indicator species.

**NCCTE.2018.AN52.05.00** - Understand identifying characteristics of wildlife, game management practices, and other factors that affect wildlife species.

**NCCTE.2018.AN52.05.01** - Understand the role of game management practices and the interaction between animals and society.

**NCCTE.2018.AN52.05.02** - Remember wildlife species based on physical characteristics.

**NCCTE.2018.AN52.06.00** - Understand the factors involved in planning and establishing an aquaculture facility.

**NCCTE.2018.AN52.06.01** - Understand the types of aquaculture facilities and potential products produced in an aquaculture operation.



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**NCCTE.2018.AN52.06.02** - Understand the operation methods and management considerations used with a variety of aquaculture production systems.

**NCCTE.2018.AN52.07.00** - Understand information related to the principles of natural resources recreational opportunities.

**NCCTE.2018.AN52.07.01** - Understand the basic procedures involved in camping.

**NCCTE.2018.AN52.07.02** - Understand the principles of hunting and firearm safety.

**NCCTE.2018.AN52.07.03** - Understand the basic principles of freshwater fishing.

**NCCTE.2018.AN52.08.00** - Understand the terms and concepts related to energy production, usage, and conservation.

**NCCTE.2018.AN52.08.01** - Remember terms related to energy.

**NCCTE.2018.AN52.08.02** - Understand the major sources of energy, ways to conserve energy, and emerging technologies.

