

# NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

## Agricultural Education

**Grade:** Grade 9 - 12

**Course:** Natural Resources I

**NCCTE.2018.AN51** - Natural Resources I

**NCCTE.2018.AN51.01.00** - Understand leadership opportunities in natural resources.

**NCCTE.2018.AN51.01.01** - Understand organizations available for students in natural resources.

**NCCTE.2018.AN51.01.02** - Understand parliamentary procedure abilities and public speaking skills.

**NCCTE.2018.AN51.02.00** - Understand careers in natural resources.

**NCCTE.2018.AN51.02.01** - Understand skills needed for employment and careers in the natural resources industry.

**NCCTE.2018.AN51.02.02** - Understand the Supervised Agricultural Experience component of the natural resources class.

**NCCTE.2018.AN51.03.00** - Understand information related to natural resources and conservation studies.

**NCCTE.2018.AN51.03.01** - Remember the terms related to natural resources and conservation studies.

**NCCTE.2018.AN51.03.02** - Understand the role of human population growth, demands, and effect on natural resources.

**NCCTE.2018.AN51.04.00** - Understand information related to formation, contents, classification, and use of soil, water, and air.

**NCCTE.2018.AN51.04.01** - Understand the contents of soil and demonstrate the ability to properly evaluate and classify soils.

**NCCTE.2018.AN51.04.02** - Understand the cause and effects of soil erosion and conservation practices.

**NCCTE.2018.AN51.04.03** - Understand the components of the water supply, water users, and water pollution.

**NCCTE.2018.AN51.04.04** - Understand the components of the atmosphere, air quality, and air pollution.

**NCCTE.2018.AN51.05.00** - Understand fish and wildlife habitats, game management practices, and other factors that affect fish and wildlife species.

**NCCTE.2018.AN51.05.01** - Understand the components of freshwater fish habitats and species.

**NCCTE.2018.AN51.05.02** - Understand the components of saltwater fish habitats and species.

**NCCTE.2018.AN51.05.03** - Understand the habitat requirements and other factors that affect wildlife species.

**NCCTE.2018.AN51.05.04** - Understand the qualities and characteristics of NC wildlife species.

**NCCTE.2018.AN51.06.00** - Understand the role of forests, trees, and management techniques and their importance in the environment.



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**NCCTE.2018.AN51.06.01** - Understand the impact of forests, their products, and the parts of a tree and their functions.

**NCCTE.2018.AN51.06.02** - Remember common NC trees based on physical characteristics.

**NCCTE.2018.AN51.06.03** - Understand tree measurement techniques and skills that are used by professional foresters.

**NCCTE.2018.AN51.06.04** - Understand harvest and reproduction techniques used in forestry to improve forest quality.

