



Core Curriculum Standards for State Parks Field Trips.

Each lesson listed on the North Carolina State Parks field trips web site is correlated to Essential Standards for one or more grade levels. Programs offered at state parks can be applied to a wide range of grades and ages. Since the Essential Standards focus on different aspects of scientific study for each grade, park rangers often work with teachers to focus even more attention on the core curriculum.

This document is a guide for some of the best correlations between a state park field trip and North Carolina's Essential Standards. For the complete North Carolina Essential Standards, go to www.dpi.state.nc.us/acre/standards/new-standards/

Kindergarten

- **Ways animals move through and interact with their environment (K.P.1)**
- **Characteristics of living things compared to non-living things (K.L.1)**
- **Interaction between humans and environment. Natural Resources, pollution, etc (K.G.2.SS)**

1st Grade

- **Animal adaptations (1.L.1)**
- **Needs of organisms for survival (1.L.2)**
- **Interaction between humans and environment. Natural Resources, pollution, etc (1.G.2.SS)**
- **Geology: Physical properties of materials and their use (1.E.2)**

2nd Grade

- **Animal Life Cycles, particularly those in which the immature stage of organism is different than the adult stage (2.L.1, 2.L.2)**
- **Interaction between humans and environment. Natural Resources, pollution, etc (2.G.2.SS)**



3rd Grade

- **Characteristics and life cycle of plants (3.L.2)**
- **Use Maps, Field Guides, or Photographs to convey information (Literacy.RI.3.7)**
- **Use models or diagrams to compare physical structures (3.E.2)**

4th Grade

- **How do changing habitats effect animal survival and how do animals adapt to changes. Changes can be human-caused or natural. (4.L.1)**
- **The importance of the place name or location to North Carolina. (4.H.2.SS)**
- **Affect of the local environment on NC's growth. (4.G.1.SS)**
- **The culture of local Native Americans (4.C.1.SS)**
- **Fossils present or any other geological evidence of change. (4.E.2)**

5th Grade

- **How specific animal structures help specific species adapt to this environment. (5.L.1)**
- **Interdependency of animals and plants (5.L.2)**
- **Animal life cycles, specifically why young animals are similar to or different from their parents. (5.L.3)**
- **Human activity and how it has shaped the region (5.G.1)**

6th Grade

- **Changes to the Earth's surface over time, and how those occur. (6.E.2)**
- **Structures, processes, and behaviors of PLANTS (6.L.1)**
- **Food webs, flow of energy, and responses of organisms to changes in the environment. Changes can be manmade or natural. (6.L.2)**
- **Physical environment and how it affected local societies, ancient to modern. (6.E.1)**



7th Grade

- Water cycle and how it affects atmosphere and climate. (7.E.1)
- Structures of living things that allow them to survive. (7.E.2)
- Variation among individuals in a population, and how that helps them survive (7.L.1)
- How local geography and environmental conditions effect societies, ancient to modern (7.G.1)

8th Grade

- Environmental implications to energy obtaining and use (8.P.1)
- Impact of local water systems on humans (8.E.1)
- Evidence of fossils and landforms and how things have changes over time (8.E.2)
- Diseases that affect organisms (8.L.2)
- How organisms interact with their environment (8.L.3)
- Evolution of organisms and landforms (8.L.4)
- Local geographic factors that influenced NC (8.G.1)
- Local cultures (Native American or others) and how they influenced NC (8.C.1)

High School

- Evolution by natural selection (OBio.3.4)
- Taxonomy and classification. Identifying organisms and classifying them by characteristics (OBio 3.5)
- Interdependence of organisms with their environments (Bio 2.1)
- Impact of human activities on the environment, both positive and negative (Bio2.2, OA6.1)
- Structures and processes within river systems (EEn.2.3)
- How humans use water (EEn.2.4)
- Patterns of global climate change and impacts on local environments (EEN2.6)