

Main Criteria: North Carolina Standard Course of Study

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

North Carolina Standard Course of Study

Science

Grade: **8** - Adopted: **2010**

Does not include:

- Canada
- Ancient China
- Northeast Region
- Midwest Region
- Sahara Desert
- Southwest Region
- Western Region

CONTENT AREA / STRAND	NC.8.P.	Physical Science
STRAND / ESSENTIAL STANDARD		Energy: Conservation and Transfer
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.P.2.	Explain the environmental implications associated with the various methods of obtaining, managing, and using energy resources.
CLARIFYING OBJECTIVE	8.P.2.2.	Explain the implications of the depletion of renewable and nonrenewable energy resources and the importance of conservation. <u>Social Studies Online</u> The Amazon Rainforest - Part 2 - Older Grades
CONTENT AREA / STRAND	NC.8.E.	Earth Science
STRAND / ESSENTIAL STANDARD		Earth Systems, Structures and Processes
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.E.1.	Understand the hydrosphere and the impact of humans on local systems and the effects of the hydrosphere on humans.
CLARIFYING OBJECTIVE	8.E.1.1.	Explain the structure of the hydrosphere including:
INDICATOR	8.E.1.1.a.	Water distribution on earth <u>Social Studies Online</u> National Parks West - Nevada, California
INDICATOR	8.E.1.1.b.	Local river basins and water availability <u>Social Studies Online</u> National Parks West - Nevada, California National Parks - WA, OR, ID, MT, CO
CONTENT AREA / STRAND	NC.8.E.	Earth Science
STRAND / ESSENTIAL STANDARD		Earth Systems, Structures and Processes
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.E.1.	Understand the hydrosphere and the impact of humans on local systems and the effects of the hydrosphere on humans.
CLARIFYING OBJECTIVE	8.E.1.2.	Summarize evidence that Earth's oceans are a reservoir of nutrients, minerals, dissolved gases, and life forms:
INDICATOR	8.E.1.2.a.	Estuaries <u>Social Studies Online</u>

		National Parks - West - Alaska & Hawaii National Parks - WA, OR, ID, MT, CO
INDICATOR	8.E.1.2.b.	Marine ecosystems Social Studies Online Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks - WA, OR, ID, MT, CO
CONTENT AREA / STRAND	NC.8.E.	Earth Science
STRAND / ESSENTIAL STANDARD		Earth History
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.E.2.	Understand the history of Earth and its life forms based on evidence of change recorded in fossil records and landforms.
CLARIFYING OBJECTIVE	8.E.2.2.	Explain the use of fossils, ice cores, composition of sedimentary rocks, faults, and igneous rock formations found in rock layers as evidence of the history of the Earth and its changing life forms. Social Studies Online National Parks - WA, OR, ID, MT, CO
CONTENT AREA / STRAND	NC.8.L.	Life Science
STRAND / ESSENTIAL STANDARD		Ecosystems
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.L.3.	Understand how organisms interact with and respond to the biotic and abiotic components of their environment.
CLARIFYING OBJECTIVE	8.L.3.1.	Explain how factors such as food, water, shelter and space affect populations in an ecosystem. Social Studies Online Galapagos Islands Galapagos Islands - Espagnol
CONTENT AREA / STRAND	NC.8.L.	Life Science
STRAND / ESSENTIAL STANDARD		Ecosystems
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.L.3.	Understand how organisms interact with and respond to the biotic and abiotic components of their environment.
CLARIFYING OBJECTIVE	8.L.3.2.	Summarize the relationships among producers, consumers, and decomposers including the positive and negative consequences of such interactions including:
INDICATOR	8.L.3.2.a.	Coexistence and cooperation Social Studies Online Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
INDICATOR	8.L.3.2.b.	Competition (predator/prey) Social Studies Online La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
INDICATOR	8.L.3.2.c.	Parasitism Social Studies Online Galapagos Islands Galapagos Islands - Espagnol
CONTENT AREA / STRAND	NC.8.L.	Life Science
STRAND / ESSENTIAL STANDARD		Ecosystems

ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.L.3.	Understand how organisms interact with and respond to the biotic and abiotic components of their environment.
CLARIFYING OBJECTIVE	8.L.3.3.	Explain how the flow of energy within food webs is interconnected with the cycling of matter (including water, nitrogen, carbon dioxide and oxygen). Social Studies Online La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
CONTENT AREA / STRAND	NC.8.L.	Life Science
STRAND / ESSENTIAL STANDARD		Evolution and Genetics
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.L.4.	Understand the evolution of organisms and landforms based on evidence, theories and processes that impact the Earth over time.
CLARIFYING OBJECTIVE	8.L.4.1.	Summarize the use of evidence drawn from geology, fossils, and comparative anatomy to form the basis for biological classification systems and the theory of evolution. Social Studies Online Galapagos Islands Galapagos Islands - Espagnol

**North Carolina Standard Course of Study
Social Studies**

Grade: 8 - Adopted: 2010

CONTENT AREA / STRAND	NC.8.H.	History
STRAND / ESSENTIAL STANDARD	8.H.1.	Apply historical thinking to understand the creation and development of North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.H.1.5.	Analyze the relationship between historical context and decision-making. Social Studies Online Washington, DC - Grades 6 - 8
CONTENT AREA / STRAND	NC.8.H.	History
STRAND / ESSENTIAL STANDARD	8.H.2.	Understand the ways in which conflict, compromise and negotiation have shaped North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.H.2.3.	Summarize the role of debate, compromise, and negotiation during significant periods in the history of North Carolina and the United States. Social Studies Online Washington, DC - Grades 6 - 8
CONTENT AREA / STRAND	NC.8.H.	History
STRAND / ESSENTIAL STANDARD	8.H.3.	Understand the factors that contribute to change and continuity in North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.H.3.3.	Explain how individuals and groups have influenced economic, political and social change in North Carolina and the United States. Social Studies Online Washington, DC - Grades 6 - 8
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.H.3.4.	Compare historical and contemporary issues to understand continuity and change in the development of North Carolina and the United States. Social Studies Online Washington, DC - Grades 6 - 8
CONTENT AREA / STRAND	NC.8.G.	Geography and Environmental Literacy

STRAND / ESSENTIAL STANDARD	8.G.1.	Understand the geographic factors that influenced North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.G.1.2.	Understand the human and physical characteristics of regions in North Carolina and the United States (e.g. physical features, culture, political organization and ethnic make-up). <u>Social Studies Online</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO Washington, DC - Grades 6 - 8
CONTENT AREA / STRAND	NC.8.C&G.	Civics and Governance
STRAND / ESSENTIAL STANDARD	8.C&G.1.	Analyze how democratic ideals shaped government in North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.C&G.1.1.	Summarize democratic ideals expressed in local, state, and national government (e.g. limited government, popular sovereignty, separation of powers, republicanism, federalism and individual rights). <u>Social Studies Online</u> Washington, DC - Grades 6 - 8
CONTENT AREA / STRAND	NC.8.C.	Culture
STRAND / ESSENTIAL STANDARD	8.C.1.	Understand how different cultures influenced North Carolina and the United States.
ESSENTIAL STANDARD / CLARIFYING OBJECTIVE	8.C.1.3.	Summarize the contributions of particular groups to the development of North Carolina and the United States (e.g. women, religious groups, and ethnic minorities such as American Indians, African Americans, and European immigrants). <u>Social Studies Online</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO