

Main Criteria: Nebraska Core Academic Content Standards

Secondary Criteria: Social Studies Online

Subjects: Science, Social Studies

Grade: 4

Correlation Options: Show Correlated

Nebraska Core Academic Content Standards

Science

Grade: 4 - Adopted: 2010

Does not include:

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

CONTENT STANDARD	NE.SC 1:	INQUIRY, THE NATURE OF SCIENCE, AND TECHNOLOGY: Students will combine scientific processes and knowledge with scientific reasoning and critical thinking to ask questions about phenomena and propose explanations based on gathered evidence.
STRAND	1.2.	Nature of Science
INDICATOR	5.1.2.	Students will describe how scientists go about their work.
STRAND		Science and Society
GRADE LEVEL EXPECTATION	5.1.2.b.	Recognize that new discoveries are always being made which impact scientific knowledge <u>Social Studies Online</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
CONTENT STANDARD	NE.SC 2:	PHYSICAL SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Physical Sciences to make connections with the natural and engineered world.
STRAND	2.2.	Force and Motion
INDICATOR	5.2.2.	Students will identify the influence of forces on motion.
STRAND		Motion
GRADE LEVEL EXPECTATION	5.2.2.a.	Describe motion by tracing and measuring an object's position over a period of time (speed) <u>Social Studies Online</u> National Parks - West - Alaska & Hawaii
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.1.	Structure and Function of Living Systems
INDICATOR	5.3.1.	Students will investigate and compare the characteristics of living things.
STRAND		Characteristics of Living Organisms

GRADE LEVEL EXPECTATION	5.3.1.b.	Identify how parts of plants and animals function to meet basic needs (e.g., leg of an insect helps an insect move, root of a plant helps the plant obtain water) <u>Social Studies Online</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed The Amazon Rainforest Who Lives On a Coral Reef?
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.2.	Heredity
INDICATOR	5.3.2.	Students will identify variations of inherited characteristics and life cycles.
STRAND		Reproduction
GRADE LEVEL EXPECTATION	5.3.2.b.	Identify the life cycle of an organism <u>Social Studies Online</u> Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.3.	Flow of Matter and Energy in Ecosystems
INDICATOR	5.3.3.	Students will describe relationships within an ecosystem.
STRAND		Flow of Energy
GRADE LEVEL EXPECTATION	5.3.3.b.	Identify the role of producers, consumers, and decomposers in an ecosystem <u>Social Studies Online</u> The Amazon Rainforest
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.3.	Flow of Matter and Energy in Ecosystems
INDICATOR	5.3.3.	Students will describe relationships within an ecosystem.
STRAND		Ecosystems
GRADE LEVEL EXPECTATION	5.3.3.c.	Recognize the living and nonliving factors that impact the survival of organisms in an ecosystem <u>Social Studies Online</u> The Amazon Rainforest
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.3.	Flow of Matter and Energy in Ecosystems
INDICATOR	5.3.3.	Students will describe relationships within an ecosystem.
STRAND		Impact on Ecosystems
GRADE LEVEL EXPECTATION	5.3.3.d.	Recognize all organisms cause changes, some beneficial and some detrimental, in the environment where they live

		Social Studies Online African Safari Galapagos Islands Galapagos Islands - Espagnol Grade 3 - Geography of Our Communities How Coral Reefs Are Formed National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO The Amazon Rainforest The Amazon Rainforest - Part 2 - Younger Grades Who Lives On a Coral Reef?
CONTENT STANDARD	NE.SC 3:	LIFE SCIENCE: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of the Life Sciences to make connections with the natural and engineered world.
STRAND	3.4.	Biodiversity
INDICATOR	5.3.4.	Students will describe changes in organisms over time.
STRAND		Biological Adaptations
GRADE LEVEL EXPECTATION	5.3.4.a.	Describe adaptations made by plants or animals to survive environmental changes Social Studies Online African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO The Amazon Rainforest Who Lives On a Coral Reef?
CONTENT STANDARD	NE.SC 4:	EARTH AND SPACE SCIENCES: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of Earth and Space Sciences to make connections with the natural and engineered world.
STRAND	4.2.	Earth Structures and Processes
INDICATOR	5.4.2.	Students will observe and describe Earth's materials, structure, and processes.
STRAND		Properties of Earth Materials
GRADE LEVEL EXPECTATION	5.4.2.a.	Describe the characteristics of rocks, minerals, soil, water, and the atmosphere Social Studies Online Grade 3 - Geography of Our Communities National Parks West - Wyoming, Utah
CONTENT STANDARD	NE.SC 4:	EARTH AND SPACE SCIENCES: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of Earth and Space Sciences to make connections with the natural and engineered world.
STRAND	4.2.	Earth Structures and Processes
INDICATOR	5.4.2.	Students will observe and describe Earth's materials, structure, and processes.
STRAND		Earth's Processes
GRADE LEVEL EXPECTATION	5.4.2.b.	Identify weathering, erosion, and deposition as processes that build up or break down Earth's surface Social Studies Online

		Galapagos Islands Galapagos Islands - Espagnol Grade 3 - Geography of Our Communities National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO
CONTENT STANDARD	NE.SC 4:	EARTH AND SPACE SCIENCES: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of Earth and Space Sciences to make connections with the natural and engineered world.
STRAND	4.2.	Earth Structures and Processes
INDICATOR	5.4.2.	Students will observe and describe Earth's materials, structure, and processes.
STRAND		Use of Earth Materials
GRADE LEVEL EXPECTATION	5.4.2.c.	Identify how Earth materials are used (fuels, building materials, sustaining plant life) <u>Social Studies Online</u> Grade 3 - Geography of Our Communities National Parks - WA, OR, ID, MT, CO The Amazon Rainforest - Part 2 - Younger Grades
CONTENT STANDARD	NE.SC 4:	EARTH AND SPACE SCIENCES: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of Earth and Space Sciences to make connections with the natural and engineered world.
STRAND	4.3.	Energy in Earth's Systems
INDICATOR	5.4.3.	Students will observe and describe the effects of energy changes on Earth.
STRAND		Weather and Climate
GRADE LEVEL EXPECTATION	5.4.3.c.	Recognize the difference between weather, climate, and seasons <u>Social Studies Online</u> National Parks West - Nevada, California The Amazon Rainforest
CONTENT STANDARD	NE.SC 4:	EARTH AND SPACE SCIENCES: Students will integrate and communicate the information, concepts, principles, processes, theories, and models of Earth and Space Sciences to make connections with the natural and engineered world.
STRAND	4.4.	Earth's History
INDICATOR	5.4.4.	Students will describe environments based on fossil evidence.
STRAND		Past/Present Earth
GRADE LEVEL EXPECTATION	5.4.4.a.	Describe how slow processes (erosion, weathering, deposition, uplift) and rapid processes (landslides, volcanic eruptions, earthquakes, violent storms) change Earth's surface <u>Social Studies Online</u> Galapagos Islands Galapagos Islands - Espagnol Grade 3 - Geography of Our Communities National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks - WA, OR, ID, MT, CO

Nebraska Core Academic Content Standards

Social Studies

Grade: 4 - Adopted: 2012

CONTENT STANDARD	NE.SS.4.	Grade 4 (Nebraska)
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STRAND	SS 4.1.	Civics: Students will develop and apply the skills of civic responsibility to make informed decisions based upon knowledge of government at local, state, national and international levels.
INDICATOR		Civic Participation
STRAND	SS 4.1.2.	Students will investigate how different perspectives impact government decisions at the state level.
GRADE LEVEL EXPECTATION	SS 4.1.2.a.	Identify rights and responsibilities of citizens (e.g., voting, public service projects) at the state level <u>Social Studies Online</u> Grade 3 - How Government Helps Our Communities
CONTENT STANDARD	NE.SS.4.	Grade 4 (Nebraska)
STRAND	SS 4.2.	Economics: Students will utilize economic reasoning skills to make informed judgments and become effective participants in the economy at the local, state, national and international levels.
INDICATOR		Markets
STRAND	SS 4.2.1.	Students will recognize prices are what consumers pay when they buy a good or service.
GRADE LEVEL EXPECTATION	SS 4.2.1.a.	Predict how consumers would react if the price of a good or service changed (e.g., natural disasters, drought, gas prices) <u>Social Studies Online</u> Grade 3 - Businesses At Work
GRADE LEVEL EXPECTATION	SS 4.2.1.b.	Predict how producers would react if the profit from selling a good or service changed <u>Social Studies Online</u> Grade 3 - Businesses At Work Grade 3 - I Am a Consumer
CONTENT STANDARD	NE.SS.4.	Grade 4 (Nebraska)
STRAND	SS 4.2.	Economics: Students will utilize economic reasoning skills to make informed judgments and become effective participants in the economy at the local, state, national and international levels.
INDICATOR		Financial Literacy
STRAND	SS 4.2.6.	Students will understand that banks are institutions where people save money and earn interest, and where other people borrow money and pay interest.
GRADE LEVEL EXPECTATION	SS 4.2.6.a.	Identify the costs and benefits of saving, interest, and borrowing <u>Social Studies Online</u> Grade 3 - I Am a Consumer
CONTENT STANDARD	NE.SS.4.	Grade 4 (Nebraska)
STRAND	SS 4.2.	Economics: Students will utilize economic reasoning skills to make informed judgments and become effective participants in the economy at the local, state, national and international levels.
INDICATOR		Government
STRAND	SS 4.2.10.	Students will understand what goods and services state governments provide.
GRADE LEVEL EXPECTATION	SS 4.2.10.a.	Identify goods and services funded through state taxes (e.g., highways, universities, human services, unemployment, courts) <u>Social Studies Online</u> Barcelona - English Barcelona - Espagnol
CONTENT STANDARD	NE.SS.4.	Grade 4 (Nebraska)
STRAND	SS 4.3.	Geography: Students will develop and apply spatial perspective and geographic skills to make informed decisions regarding issues and current events at local, state, national and international levels.

INDICATOR		The World in Spatial Terms
STRAND	SS 4.3.1.	Students will explore where (spatial) and why people, places and environments are organized in the state.
GRADE LEVEL EXPECTATION	SS 4.3.1.d.	Differentiate between cities, states, countries, and continents <u>Social Studies Online</u> Barcelona - English Barcelona - Espagnol Grade 3 - Geography of Our Communities Grade 4 - Southeast Region of the U.S. Washington, DC - Grades K - 5

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