

Main Criteria: Nebraska Core Academic Content Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 5

Correlation Options: Show Correlated

Nebraska Core Academic Content Standards

Science

Grade: 5 - Adopted: 2010

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| 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>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 |
| 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>Virtual Field Trips</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>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest |

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| | | The Amazon Rainforest - Part 1 - Older 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 | 3.2. | 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>Virtual Field Trips</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>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades |
| 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>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades |
| 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 <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed |

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| | | <p>La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades Who Lives On a Coral Reef?</p> |
| 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. | <p>Describe adaptations made by plants or animals to survive environmental changes</p> <p><u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol How Coral Reefs Are Formed La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades Who Lives On a Coral Reef?</p> |
| 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. | <p>Describe the characteristics of rocks, minerals, soil, water, and the atmosphere</p> <p><u>Virtual Field Trips</u> National Parks West - Wyoming, Utah</p> |
| 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. | <p>Identify weathering, erosion, and deposition as processes that build up or break down Earth's surface</p> <p><u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol</p> |

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| | | National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 |
| 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>Virtual Field Trips</u> National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades 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>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest The Amazon Rainforest - Part 1 - Older 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 | 4.4. | 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>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 |

**Nebraska Core Academic Content Standards
Social Studies**

Grade: 5 - Adopted: 2012

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| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
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| STRAND | SS 5.1. | 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 | | Forms and Functions of Government |
| STRAND | SS 5.1.1. | Students will describe the foundation, structure, and function of the United States government. |
| GRADE LEVEL EXPECTATION | SS 5.1.1.b. | Explain the origins, structure, and functions of the three branches of the United States government <u>Virtual Field Trips</u> Washington, DC - Grades K - 5 |
| GRADE LEVEL EXPECTATION | SS 5.1.1.c. | Describe how colonial and new states' governments laws affected groups within their population (e.g., citizens, slaves, immigrants, women, class systems, tribes) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.1. | 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 5.1.2. | Students will apply democratic principles that are the foundation of the United States government systems to daily life. |
| GRADE LEVEL EXPECTATION | SS 5.1.2.b. | Describe the significance of patriotic symbols, songs and activities (e.g., Pledge of Allegiance, "The Star Spangled Banner", "America", commemorating state and national holidays) <u>Virtual Field Trips</u> Washington, DC - Grades K - 5 |
| GRADE LEVEL EXPECTATION | SS 5.1.2.d. | Analyze how cooperation and conflict among people have contributed to political, economic, and social events and situations in the United States <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.2. | 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 | | Institutions |
| STRAND | SS 5.2.3. | Students will summarize characteristics of economic institutions in the United States. |
| GRADE LEVEL EXPECTATION | SS 5.2.3.a. | Identify the functions and characteristics of money (e.g., store value, medium of exchange, unit of accounting) <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.2. | 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 5.2.10. | Students will understand what goods and services the national government provides. |
| GRADE LEVEL EXPECTATION | SS 5.2.10.a. | Identify goods and services funded through federal taxes (e.g., armed forces, courts, parks) |

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| | | <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.2. | 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 | | Globalization |
| STRAND | SS 5.2.12. | Students will explain how specialization, division of labor, and technology increases productivity and interdependence. |
| GRADE LEVEL EXPECTATION | SS 5.2.12.a. | Investigate Early United States specialization and trade (e.g., fur, tobacco, cotton, lumber) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.3. | 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 5.3.1. | Students will explore where (spatial) and why people, places and environments are organized in the United States. |
| GRADE LEVEL EXPECTATION | SS 5.3.1.a. | Name and locate major human and physical features in the United States (e.g., states, capitals, and major cities in the United States, Rocky Mountains, Appalachian Mountains, Great Lakes) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5 |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.3. | 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 | | Places and Regions |
| STRAND | SS 5.3.2. | Students will compare the characteristics of places and regions and draw conclusions on their impact on human decisions. |
| GRADE LEVEL EXPECTATION | SS 5.3.2.a. | Define regions within the United States using multiple criteria. (e.g., Silicon Valley, Bread Basket) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5 |
| GRADE LEVEL EXPECTATION | SS 5.3.2.b. | Classify regions and places within the United States using physical and human features (e.g., Rocky Mountains, The Southwest, Great Plains, Corn Belt, Cotton Belt) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah |

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| | | National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5 |
| GRADE LEVEL EXPECTATION | SS 5.3.2.c. | Identify and classify regions (e.g., cities, states, and congressional districts) <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5 |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States) |
| STRAND | SS 5.3. | 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 | | Physical Systems |
| STRAND | SS 5.3.3. | Students will draw conclusions about the natural processes in the physical world. |
| GRADE LEVEL EXPECTATION | SS 5.3.3.b. | Identify examples of ecosystems located in the United States (e.g., forests, deserts, grasslands) <u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S. National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Washington, DC - Grades K - 5 |
| CONTENT STANDARD | NE.SS.5. | Grade 5 (United States: First Americans to the Constitution) |
| STRAND | SS 5.4. | History: Students will develop and apply historical knowledge and skills to research, analyze, and understand key concepts of past, current, and potential issues and events at the local, state, national, and international levels. |
| INDICATOR | | Historical Comprehension |
| STRAND | SS 5.4.2. | Students will demonstrate an understanding of the impact of people, events, ideas, and symbols upon US history using multiple types of sources. |
| GRADE LEVEL EXPECTATION | SS 5.4.2.a. | Demonstrate an understanding of the impact of people, events, ideas, and symbols, including various cultures and ethnic groups, by era (e.g., Early America/Exploration: American Indian empires in Mesoamerica, the Southwest, and the Mississippi Valley, Coronado, DeSoto, LaSalle; Colonization and Rise of Democratic Institutions: Spanish Missions, French and Indian War: Chief Pontiac; Establishing a Nation: Revolutionary War; Founders and Founding Documents: unique nature of the creation and organization of the American Government, the United States as an exceptional nation based upon personal freedom, the inherent nature of citizens' rights, and democratic ideals, Benjamin Franklin, Thomas Jefferson, and other historical figures, patriotism, national symbols) <u>Virtual Field Trips</u> Ancient Mayan Civilization Grade 4 - Southeast Region of the U.S. |

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