

**Main Criteria:** Florida Standards  
**Secondary Criteria:** Virtual Field Trips  
**Subjects:** Science, Social Studies  
**Grade:** 7  
**Correlation Options:** Show Correlated

**Florida Standards**  
**Science**

Grade: 7 - Adopted: 2008

BODY OF KNOWLEDGE	FL.SC.7.N.	Nature of Science
BIG IDEA	SC.7.N.1.	<p>The Practice of Science - A: Scientific inquiry is a multifaceted activity; The processes of science include the formulation of scientifically investigable questions, construction of investigations into those questions, the collection of appropriate data, the evaluation of the meaning of those data, and the communication of this evaluation. B: The processes of science frequently do not correspond to the traditional portrayal of "the scientific method."C: Scientific argumentation is a necessary part of scientific inquiry and plays an important role in the generation and validation of scientific knowledge. D: Scientific knowledge is based on observation and inference; it is important to recognize that these are very different things. Not only does science require creativity in its methods and processes, but also in its questions and explanations.</p>
BENCHMARK	SC.7.N.1.7.	<p>Explain that scientific knowledge is the result of a great deal of debate and confirmation within the science community.</p> <p><u>Virtual Field Trips</u>            Galapagos Islands            Galapagos Islands - Espagnol            National Parks - West - Alaska &amp; Hawaii            National Parks West - Nevada, California            National Parks West - Wyoming, Utah            National Parks of the Western Region - Part 1</p>
BODY OF KNOWLEDGE	FL.SC.7.N.	Nature of Science
BIG IDEA	SC.7.N.2.	<p>The Characteristics of Scientific Knowledge - A: Scientific knowledge is based on empirical evidence, and is appropriate for understanding the natural world, but it provides only a limited understanding of the supernatural, aesthetic, or other ways of knowing, such as art, philosophy, or religion. B: Scientific knowledge is durable and robust, but open to change. C: Because science is based on empirical evidence it strives for objectivity, but as it is a human endeavor the processes, methods, and knowledge of science include subjectivity, as well as creativity and discovery.</p>
BENCHMARK	SC.7.N.2.1.	<p>Identify an instance from the history of science in which scientific knowledge has changed when new evidence or new interpretations are encountered.</p> <p><u>Virtual Field Trips</u>            Galapagos Islands            Galapagos Islands - Espagnol            National Parks - West - Alaska &amp; Hawaii            National Parks West - Nevada, California            National Parks West - Wyoming, Utah            National Parks of the Western Region - Part 1</p>
BODY OF KNOWLEDGE	FL.SC.7.N.	Nature of Science
BIG IDEA	SC.7.N.3.	<p>The Role of Theories, Laws, Hypotheses, and Models - The terms that describe examples of scientific knowledge, for example; "theory," "law," "hypothesis," and "model" have very specific meanings and functions within science.</p>

BENCHMARK	SC.7.N.3.1.	<p>Recognize and explain the difference between theories and laws and give several examples of scientific theories and the evidence that supports them.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1</p>
BODY OF KNOWLEDGE	FL.SC.7.E.	Earth and Space Science
BIG IDEA	SC.7.E.6.	Earth Structures - Over geologic time, internal and external sources of energy have continuously altered the features of Earth by means of both constructive and destructive forces. All life, including human civilization, is dependent on Earth's internal and external energy and material resources.
BENCHMARK	SC.7.E.6.4.	<p>Explain and give examples of how physical evidence supports scientific theories that Earth has evolved over geologic time due to natural processes.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1</p>
BENCHMARK	SC.7.E.6.5.	<p>Explore the scientific theory of plate tectonics by describing how the movement of Earth's crustal plates causes both slow and rapid changes in Earth's surface, including volcanic eruptions, earthquakes, and mountain building.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  National Parks West - Nevada, California  National Parks West - Wyoming, Utah</p>
BENCHMARK	SC.7.E.6.6.	<p>Identify the impact that humans have had on Earth, such as deforestation, urbanization, desertification, erosion, air and water quality, changing the flow of water.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  The Amazon Rainforest - Part 2 - Older Grades</p>
BENCHMARK	SC.7.E.6.7.	<p>Recognize that heat flow and movement of material within Earth causes earthquakes and volcanic eruptions, and creates mountains and ocean basins.</p> <p><u>Virtual Field Trips</u>  Galapagos Islands  Galapagos Islands - Espagnol  National Parks West - Nevada, California  National Parks West - Wyoming, Utah</p>
BODY OF KNOWLEDGE	FL.SC.7.L.	Life Science
BIG IDEA	SC.7.L.15.	Diversity and Evolution of Living Organisms - A. The scientific theory of evolution is the organizing principle of life science. B. The scientific theory of evolution is supported by multiple forms of evidence. C. Natural Selection is a primary mechanism leading to change over time in organisms.

BENCHMARK	SC.7.L.15.2.	Explore the scientific theory of evolution by recognizing and explaining ways in which genetic variation and environmental factors contribute to evolution by natural selection and diversity of organisms.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
BENCHMARK	SC.7.L.15.3.	Explore the scientific theory of evolution by relating how the inability of a species to adapt within a changing environment may contribute to the extinction of that species.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii The Amazon Rainforest - Part 2 - Older Grades
BODY OF KNOWLEDGE	FL.SC.7.L.	Life Science
BIG IDEA	SC.7.L.17.	Interdependence - A. Plants and animals, including humans, interact with and depend upon each other and their environment to satisfy their basic needs. B. Both human activities and natural events can have major impacts on the environment. C. Energy flows from the sun through producers to consumers.
BENCHMARK	SC.7.L.17.1.	Explain and illustrate the roles of and relationships among producers, consumers, and decomposers in the process of energy transfer in a food web.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
BENCHMARK	SC.7.L.17.2.	Compare and contrast the relationships among organisms such as mutualism, predation, parasitism, competition, and commensalism.  <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades

### Florida Standards

#### Social Studies

Grade: 7 - Adopted: 2008

BODY OF KNOWLEDGE	FL.SS.7.G.	Geography
BIG IDEA	SS.7.G.1.	Understand how to use maps and other geographic representations, tools, and technology to report information.
BENCHMARK	SS.7.G.1.1.	Locate the fifty states and their capital cities in addition to the nation's capital on a map.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol
BENCHMARK	SS.7.G.1.3.	Interpret maps to identify geopolitical divisions and boundaries of places in North America.  <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Canada - An Overview
BODY OF KNOWLEDGE	FL.SS.7.G.	Geography

<b>BIG IDEA</b>	<b>SS.7.G.2.</b>	<b>Understand physical and cultural characteristics of places.</b>
<b>BENCHMARK</b>	<b>SS.7.G.2.1.</b>	<p>Locate major cultural landmarks that are emblematic of the United States.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Washington, DC - Grades 6 - 12</p>
<b>BENCHMARK</b>	<b>SS.7.G.2.2.</b>	<p>Locate major physical landmarks that are emblematic of the United States.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Washington, DC - Grades 6 - 12</p>
<b>BENCHMARK</b>	<b>SS.7.G.2.3.</b>	<p>Explain how major physical characteristics, natural resources, climate, and absolute and relative location have influenced settlement, economies, and inter-governmental relations in North America.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Washington, DC - Grades 6 - 12</p>
<b>BENCHMARK</b>	<b>SS.7.G.2.4.</b>	<p>Describe current major cultural regions of North America.</p> <p><u>Virtual Field Trips</u>  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Washington, DC - Grades 6 - 12</p>
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.G.</b>	<b>Geography</b>
<b>BIG IDEA</b>	<b>SS.7.G.3.</b>	<b>Understand the relationships between the Earth's ecosystems and the populations that dwell within them.</b>
<b>BENCHMARK</b>	<b>SS.7.G.3.1.</b>	<p>Use maps to describe the location, abundance, and variety of natural resources in North America.</p> <p><u>Virtual Field Trips</u>  Canada - An Overview</p>
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.G.</b>	<b>Geography</b>
<b>BIG IDEA</b>	<b>SS.7.G.4.</b>	<b>Understand the characteristics, distribution, and migration of human populations.</b>
<b>BENCHMARK</b>	<b>SS.7.G.4.1.</b>	<p>Use geographic terms and tools to explain cultural diffusion throughout North America.</p> <p><u>Virtual Field Trips</u>  Canada - An Overview</p>
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.G.</b>	<b>Geography</b>
<b>BIG IDEA</b>	<b>SS.7.G.6.</b>	<b>Understand how to apply geography to interpret the past and present and plan for the future.</b>
<b>BENCHMARK</b>	<b>SS.7.G.6.1.</b>	<p>Use Global Information Systems (GIS) or other technology to view maps of current information about the United States.</p> <p><u>Virtual Field Trips</u></p>

		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 6 - 12
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.E.</b>	<b>Economics</b>
<b>BIG IDEA</b>	<b>SS.7.E.3.</b>	Understand the fundamental concepts and interrelationships of the United States economy in the international marketplace.
<b>BENCHMARK</b>	<b>SS.7.E.3.1.</b>	Explain how international trade requires a system for exchanging currency between and among nations.  <u>Virtual Field Trips</u> Exploring Cuba
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.C.</b>	<b>Civics and Government</b>
<b>BIG IDEA</b>	<b>SS.7.C.1.</b>	Demonstrate an understanding of the origins and purposes of government, law, and the American political system.
<b>BENCHMARK</b>	<b>SS.7.C.1.7.</b>	Describe how the Constitution limits the powers of government through separation of powers and checks and balances.  <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
<b>BODY OF KNOWLEDGE</b>	<b>FL.SS.7.C.</b>	<b>Civics and Government</b>
<b>BIG IDEA</b>	<b>SS.7.C.3.</b>	Demonstrate an understanding of the principles, functions, and organization of government.
<b>BENCHMARK</b>	<b>SS.7.C.3.1.</b>	Compare different forms of government (direct democracy, representative democracy, socialism, communism, monarchy, oligarchy, autocracy).  <u>Virtual Field Trips</u> Exploring Cuba

Grade: 7 - Adopted: 2014

<b>BODY OF KNOWLEDGE</b>	<b>FL.LAFS.68.RH.</b>	<b>READING STANDARDS FOR LITERACY IN HISTORY/SOCIAL STUDIES 6–12</b>
<b>BIG IDEA</b>	<b>LAFS.68.RH.3.</b>	<b>Integration of Knowledge and Ideas</b>
<b>BENCHMARK</b>	<b>LAFS.68.RH.3.7.</b>	Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.  <u>Virtual Field Trips</u> African Safari Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Barcelona - English Barcelona - Espagnol Canada - An Overview Exploring Cuba Galapagos Islands Jerusalem - Then and Now (Older Grades) La Selva Amazonica - Pte 1 (En Espagnol) London - City of Pomp & Majesty National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades

