

**Main Criteria:** Kentucky Academic Standards  
**Secondary Criteria:** Virtual Field Trips  
**Subjects:** Science, Social Studies  
**Grade:** 5  
**Correlation Options:** Show Correlated

**Kentucky Academic Standards  
 Science**

Grade: 5 - Adopted: 2013

<b>STRAND</b>	<b>KY.5.B.</b>	<b>Matter and Energy in Organisms and Ecosystems</b>
<b>CATEGORY / GOAL</b>		<b>Students who demonstrate understanding can:</b>
<b>STANDARD / ORGANIZER</b>	5-PS3-1.	Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol Who Lives On a Coral Reef?
<b>STANDARD / ORGANIZER</b>	5-LS2-1.	Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) 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?
<b>STRAND</b>	<b>KY.5.D.</b>	<b>Earth's Systems</b>
<b>CATEGORY / GOAL</b>		<b>Students who demonstrate understanding can:</b>
<b>STANDARD / ORGANIZER</b>	5-ESS2-1.	Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
<b>STANDARD / ORGANIZER</b>	5-ESS2-2.	Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth.  <u>Virtual Field Trips</u> National Parks West - Nevada, California
<b>STANDARD / ORGANIZER</b>	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment.  <u>Virtual Field Trips</u> African Safari 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

		The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades Who Lives On a Coral Reef?
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**Kentucky Academic Standards  
Social Studies**

Grade: 5 - Adopted: 2015

<b>STRAND</b>	<b>KY.SS.GC.</b>	<b>Big Idea: Government and Civics - The study of government and civics equips students to understand the nature of government and the unique characteristics of American representative democracy, including its fundamental principles, structure and the role of citizens. Understanding the historical development of structures of power, authority and governance and their evolving functions in contemporary U.S. society and other parts of the world is essential for developing civic competence. An understanding of civic ideals and practices of citizenship is critical to full participation in society and is a central purpose of the social studies.</b>
<b>CATEGORY / GOAL</b>	<b>GC.EK.</b>	<b>Grade 5 Enduring Knowledge – Understandings</b>
<b>STANDARD / ORGANIZER</b>	<b>GC.EK.4.</b>	<b>The Constitution of the United States establishes a government of limited powers that are shared among different levels and branches.</b>  <b><u>Virtual Field Trips</u></b> <b>Washington, DC - Grades K - 5</b>
<b>STRAND</b>	<b>KY.SS.GC.</b>	<b>Big Idea: Government and Civics - The study of government and civics equips students to understand the nature of government and the unique characteristics of American representative democracy, including its fundamental principles, structure and the role of citizens. Understanding the historical development of structures of power, authority and governance and their evolving functions in contemporary U.S. society and other parts of the world is essential for developing civic competence. An understanding of civic ideals and practices of citizenship is critical to full participation in society and is a central purpose of the social studies.</b>
<b>CATEGORY / GOAL</b>	<b>GC.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>GC.SC.2.</b>	<b>Describe the basic duties of the three branches of government (executive, legislative, judicial); explain why the framers of the U.S. Constitution felt it was important to establish a government with limited powers that are shared among different branches and different levels (e.g., local, state, federal)</b>  <b><u>Virtual Field Trips</u></b> <b>Washington, DC - Grades K - 5</b>
<b>STRAND</b>	<b>KY.SS.CS.</b>	<b>Big Idea: Cultures and Societies - Culture is the way of life shared by a group of people, including their ideas and traditions. Cultures reflect the values and beliefs of groups in different ways (e.g., art, music, literature, religion); however, there are universals connecting all cultures. Culture influences viewpoints, rules, and institutions in a global society. Students should understand that people form cultural groups throughout the United States and the World, and that issues and challenges unite and divide them.</b>
<b>CATEGORY / GOAL</b>	<b>CS.EK.</b>	<b>Grade 5 Enduring Knowledge – Understandings</b>
<b>STANDARD / ORGANIZER</b>	<b>CS.EK.1.</b>	<b>Culture is a system of beliefs, knowledge, institutions, customs/traditions, languages and skills shared by a group of people. Through a society’s culture, individuals learn the relationships, structures, patterns and processes to be members of the society.</b>  <b><u>Virtual Field Trips</u></b> <b>Ancient Egypt - Land of the Pharaohs</b> <b>Ancient Egypt - Land of the Pyramids</b>

		<p>Ancient Greece - Birthplace of Democracy  Ancient Mayan Civilization  Exploring Cuba  Jerusalem - Then and Now (Younger Grades)  La Selva Amazonica - Pte 1 (En Espagnol)  Rome - The Eternal City - Part 1  Rome - The Eternal City - Part 2  The Amazon Rainforest  The Amazon Rainforest - Part 1 - Older Grades  The Amazon Rainforest - Part 2 - Older Grades  The Amazon Rainforest - Part 2 - Younger Grades</p>
STANDARD / ORGANIZER	CS.EK.2.	<p>Cultures develop social institutions (e.g., government, economy, education, religion, family) to structure society, influence behavior and respond to human needs.</p> <p><u>Virtual Field Trips</u>  Jerusalem - Then and Now (Younger Grades)</p>
STRAND	KY.SS.CS.	<p>Big Idea: Cultures and Societies - Culture is the way of life shared by a group of people, including their ideas and traditions. Cultures reflect the values and beliefs of groups in different ways (e.g., art, music, literature, religion); however, there are universals connecting all cultures. Culture influences viewpoints, rules, and institutions in a global society. Students should understand that people form cultural groups throughout the United States and the World, and that issues and challenges unite and divide them.</p>
CATEGORY / GOAL	CS.SC.	Grade 5 Skills and Concepts
STANDARD / ORGANIZER	CS.SC.1.	Demonstrate an understanding of culture and cultural elements (e.g., beliefs, traditions, languages, skills, literature, the arts) of diverse groups:
EXPECTATION	CS.SC.1.a.	<p>Investigate cultural similarities and differences of diverse groups (e.g., English, French, Spanish and Dutch Colonists, West Africans, Immigrants of the 1800's) during the early development of the United States</p> <p><u>Virtual Field Trips</u>  Grade 4 - Southeast Region of the U.S.</p>
STRAND	KY.SS.E.	<p>Big Idea: Economics - Economics includes the study of production, distribution, and consumption of goods and services. Students need to understand how their economic decisions affect them, others, and the nation as a whole. The purpose of economic education is to enable individuals to function effectively both in their own personal lives and as citizens and participants in an increasingly connected world economy. Students need to understand the benefits and costs of economic interaction and interdependence among people, societies, and governments.</p>
CATEGORY / GOAL	E.SC.	Grade 5 Skills and Concepts
STANDARD / ORGANIZER	E.SC.1.	Demonstrate an understanding using information from print and non-print sources (e.g., documents, informational passages/texts, interviews, digital and environmental) of the connection between resources, limited productive resources and scarcity:
EXPECTATION	E.SC.1.a.	<p>Investigate different kinds of resources (e.g., natural, human, capital)</p> <p><u>Virtual Field Trips</u>  Grade 4 - Southeast Region of the U.S.</p>
STRAND	KY.SS.E.	<p>Big Idea: Economics - Economics includes the study of production, distribution, and consumption of goods and services. Students need to understand how their economic decisions affect them, others, and the nation as a whole. The purpose of economic education is to enable individuals to function effectively both in their own personal lives and as citizens and participants in an increasingly connected world economy. Students need to</p>

		understand the benefits and costs of economic interaction and interdependence among people, societies, and governments.
<b>CATEGORY / GOAL</b>	<b>E.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>E.SC.3.</b>	<b>Demonstrate an understanding of markets:</b>
<b>EXPECTATION</b>	<b>E.SC.3.a.</b>	Explain how goods and services are/were exchanged  <u>Virtual Field Trips</u> Exploring Cuba Rome - The Eternal City - Part 2
<b>STRAND</b>	<b>KY.SS.E.</b>	<b>Big Idea: Economics - Economics includes the study of production, distribution, and consumption of goods and services. Students need to understand how their economic decisions affect them, others, and the nation as a whole. The purpose of economic education is to enable individuals to function effectively both in their own personal lives and as citizens and participants in an increasingly connected world economy. Students need to understand the benefits and costs of economic interaction and interdependence among people, societies, and governments.</b>
<b>CATEGORY / GOAL</b>	<b>E.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>E.SC.4.</b>	<b>Use a variety of sources:</b>
<b>EXPECTATION</b>	<b>E.SC.4.b.</b>	Research specialization in the United States; explain how specialization promotes trade between individuals, groups and businesses in the United States and world; describe the impact of specialization on the production of goods in the United States  <u>Virtual Field Trips</u> Exploring Cuba
<b>STRAND</b>	<b>KY.SS.G.</b>	<b>Big Idea: Geography - Geography includes the study of the five fundamental themes of location, place, regions, movement and human/environmental interaction. Students need geographic knowledge to analyze issues and problems to better understand how humans have interacted with their environment over time, how geography has impacted settlement and population, and how geographic factors influence climate, culture, the economy and world events. A geographic perspective also enables students to better understand the past and present and to prepare for the future.</b>
<b>CATEGORY / GOAL</b>	<b>G.AE.</b>	<b>Academic Expectations</b>
<b>STANDARD / ORGANIZER</b>	<b>G.AE.2.19.</b>	Students recognize and understand the relationship between people and geography and apply their knowledge in real-life situations.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
<b>STRAND</b>	<b>KY.SS.G.</b>	<b>Big Idea: Geography - Geography includes the study of the five fundamental themes of location, place, regions, movement and human/environmental interaction. Students need geographic knowledge to analyze issues and problems to better understand how humans have interacted with their environment over time, how geography has impacted settlement and population, and how geographic factors influence climate, culture, the economy and world events. A geographic perspective also enables students to better understand the past and present and to prepare for the future.</b>
<b>CATEGORY / GOAL</b>	<b>G.EK.</b>	<b>Grade 5 Enduring Knowledge – Understandings</b>
<b>STANDARD / ORGANIZER</b>	<b>G.EK.2.</b>	Patterns emerge as humans move, settle and interact on Earth's surface and can be identified by examining the location of physical

		<p>and human characteristics, how they are arranged and why they are in particular locations. Economic, political, cultural and social processes interact to shape patterns of human populations, interdependence, cooperation and conflict.</p> <p><u>Virtual Field Trips</u>  African Safari  Ancient Greece - Birthplace of Democracy  Barcelona - English  Barcelona - Espagnol  Canada - An Overview  Exploring Cuba  Grade 4 - Southeast Region of the U.S.  La Selva Amazonica - Pte 1 (En Espagnol)  London - City of Pomp &amp; Majesty  National Parks - West - Alaska &amp; Hawaii  National Parks West - Nevada, California  National Parks West - Wyoming, Utah  National Parks of the Western Region - Part 1  Paris - City of Light - Grades K - 5  Paris - La Ville Lumiere (En Francais)  The Amazon Rainforest  The Amazon Rainforest - Part 1 - Older Grades  The Amazon Rainforest - Part 2 - Older Grades  The Amazon Rainforest - Part 2 - Younger Grades  Tokyo - City of Contrasts</p>
STANDARD / ORGANIZER	G.EK.3.	<p>Regions help us to see Earth as an integrated system of places and features organized by such principles as landform types, political units, economic patterns and cultural groups.</p> <p><u>Virtual Field Trips</u>  The Amazon Rainforest - Part 2 - Older Grades  The Amazon Rainforest - Part 2 - Younger Grades</p>
STRAND	KY.SS.G.	<p><b>Big Idea: Geography - Geography includes the study of the five fundamental themes of location, place, regions, movement and human/environmental interaction. Students need geographic knowledge to analyze issues and problems to better understand how humans have interacted with their environment over time, how geography has impacted settlement and population, and how geographic factors influence climate, culture, the economy and world events. A geographic perspective also enables students to better understand the past and present and to prepare for the future.</b></p>
CATEGORY / GOAL	G.SC.	Grade 5 Skills and Concepts
STANDARD / ORGANIZER	G.SC.1.	Demonstrate an understanding of patterns on the Earth's surface, using a variety of geographic tools (e.g., maps, globes, charts, graphs):
EXPECTATION	G.SC.1.a.	<p>Locate, in absolute or relative terms, major landforms and bodies of water in the United States</p> <p><u>Virtual Field Trips</u>  Grade 4 - Southeast Region of the U.S.  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 K - 5</p>
STRAND	KY.SS.G.	<p><b>Big Idea: Geography - Geography includes the study of the five fundamental themes of location, place, regions, movement and human/environmental interaction. Students need geographic knowledge to analyze issues and problems to better understand how humans have interacted with their environment over time, how geography has impacted settlement and population, and how</b></p>

		geographic factors influence climate, culture, the economy and world events. A geographic perspective also enables students to better understand the past and present and to prepare for the future.
<b>CATEGORY / GOAL</b>	<b>G.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>G.SC.2.</b>	Investigate regions on the Earth's surface and analyze information from print and non-print sources (e.g., documents, informational passages/texts, interviews, digital and environmental):
<b>EXPECTATION</b>	<b>G.SC.2.a.</b>	<p>Explain how places and regions in the U.S. are defined by their human characteristics (e.g., language, settlement patterns, religious beliefs) and physical characteristics (e.g., climate, landforms, bodies of water)</p> <p><u>Virtual Field Trips</u>  Grade 4 - Southeast Region of the U.S.  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 K - 5</p>
<b>EXPECTATION</b>	<b>G.SC.2.b.</b>	<p>Locate and describe patterns of human settlement and explain how these patterns were influenced by the physical characteristics (e.g., climate, landforms, bodies of water) of places and regions in the United States</p> <p><u>Virtual Field Trips</u>  Grade 4 - Southeast Region of the U.S.  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 K - 5</p>
<b>STRAND</b>	<b>KY.SS.HP.</b>	Big Idea: Historical Perspective - History is an account of events, people, ideas, and their interaction over time that can be interpreted through multiple perspectives. In order for students to understand the present and plan for the future, they must understand the past. Studying history engages students in the lives, aspirations, struggles, accomplishments, and failures of real people. Students need to think in an historical context in order to understand significant ideas, beliefs, themes, patterns and events, and how individuals and societies have changed over time in Kentucky, the United States, and the World.
<b>CATEGORY / GOAL</b>	<b>HP.AE.</b>	<b>Academic Expectations</b>
<b>STANDARD / ORGANIZER</b>	<b>HP.AE.2.20.</b>	<p>Students understand, analyze, and interpret historical events, conditions, trends, and issues to develop historical perspective.</p> <p><u>Virtual Field Trips</u>  Ancient Egypt - Land of the Pharaohs  Ancient Egypt - Land of the Pyramids  Ancient Greece - Birthplace of Democracy  Ancient Mayan Civilization  Rome - The Eternal City - Part 1  Rome - The Eternal City - Part 2  Washington, DC - Grades K - 5</p>
<b>STRAND</b>	<b>KY.SS.HP.</b>	Big Idea: Historical Perspective - History is an account of events, people, ideas, and their interaction over time that can be interpreted through multiple perspectives. In order for students to understand the present and plan for the future, they must understand the past. Studying history engages students in the lives, aspirations, struggles, accomplishments, and failures of real people. Students need to think in an historical context in order to understand significant ideas, beliefs, themes, patterns and events, and how

		individuals and societies have changed over time in Kentucky, the United States, and the World.
<b>CATEGORY / GOAL</b>	<b>HP.EK.</b>	<b>Grade 5 Enduring Knowledge – Understandings</b>
<b>STANDARD / ORGANIZER</b>	<b>HP.EK.2.</b>	The history of the United States can be analyzed by examining significant eras (Colonization and Settlement, Revolution and a New Nation, Expansion and Conflict, Industrialization and Immigration and the Twentieth Century) to develop a chronological understanding and recognize cause and effect relationships and multiple causation, tying past to present.  <u>Virtual Field Trips</u> Washington, DC - Grades K - 5
<b>STANDARD / ORGANIZER</b>	<b>HP.EK.3.</b>	The history of the United States has been impacted by significant individuals, groups and advances in technology.  <u>Virtual Field Trips</u> 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
<b>STANDARD / ORGANIZER</b>	<b>HP.EK.4.</b>	Geography, culture, and economics have a significant impact on historical perspectives and events.  <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades The Amazon Rainforest - Part 2 - Younger Grades
<b>STRAND</b>	<b>KY.SS.HP.</b>	<b>Big Idea: Historical Perspective - History is an account of events, people, ideas, and their interaction over time that can be interpreted through multiple perspectives. In order for students to understand the present and plan for the future, they must understand the past. Studying history engages students in the lives, aspirations, struggles, accomplishments, and failures of real people. Students need to think in an historical context in order to understand significant ideas, beliefs, themes, patterns and events, and how individuals and societies have changed over time in Kentucky, the United States, and the World.</b>
<b>CATEGORY / GOAL</b>	<b>HP.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>HP.SC.1.</b>	<b>Demonstrate an understanding of the interpretative nature of history using a variety of tools (e.g., primary and secondary sources):</b>
<b>EXPECTATION</b>	<b>HP.SC.1.a.</b>	Investigate and chronologically describe major events in United States history (e.g., using timelines, charts, fictional and report writing, role playing)  <u>Virtual Field Trips</u> Washington, DC - Grades K - 5
<b>EXPECTATION</b>	<b>HP.SC.1.b.</b>	Explain and draw inferences about the importance of major events in United States history  <u>Virtual Field Trips</u> Washington, DC - Grades K - 5
<b>EXPECTATION</b>	<b>HP.SC.1.c.</b>	Examine cause and effect relationships in the history of the United States; identify examples of multiple causes of major historical events  <u>Virtual Field Trips</u> Washington, DC - Grades K - 5



<b>STRAND</b>	<b>KY.SS.HP.</b>	<b>Big Idea: Historical Perspective - History is an account of events, people, ideas, and their interaction over time that can be interpreted through multiple perspectives. In order for students to understand the present and plan for the future, they must understand the past. Studying history engages students in the lives, aspirations, struggles, accomplishments, and failures of real people. Students need to think in an historical context in order to understand significant ideas, beliefs, themes, patterns and events, and how individuals and societies have changed over time in Kentucky, the United States, and the World.</b>
<b>CATEGORY / GOAL</b>	<b>HP.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>HP.SC.2.</b>	<b>Use information from print and non-print sources (e.g., documents, informational passages/texts, interviews, digital and environmental):</b>
<b>EXPECTATION</b>	<b>HP.SC.2.a.</b>	<b>Examine factual and fictional accounts of significant historical events and people in United States history</b>  <b><u>Virtual Field Trips</u></b> <b>Washington, DC - Grades K - 5</b>
<b>EXPECTATION</b>	<b>HP.SC.2.d.</b>	<b>Investigate the events surrounding patriotic symbols, songs, landmarks (e.g., American flag, Statue of Liberty, the Star-Spangled Banner), and selected readings (e.g., Dr. Martin Luther King's speech: I Have a Dream), and explain their historical significance</b>  <b><u>Virtual Field Trips</u></b> <b>Washington, DC - Grades K - 5</b>
<b>STRAND</b>	<b>KY.SS.HP.</b>	<b>Big Idea: Historical Perspective - History is an account of events, people, ideas, and their interaction over time that can be interpreted through multiple perspectives. In order for students to understand the present and plan for the future, they must understand the past. Studying history engages students in the lives, aspirations, struggles, accomplishments, and failures of real people. Students need to think in an historical context in order to understand significant ideas, beliefs, themes, patterns and events, and how individuals and societies have changed over time in Kentucky, the United States, and the World.</b>
<b>CATEGORY / GOAL</b>	<b>HP.SC.</b>	<b>Grade 5 Skills and Concepts</b>
<b>STANDARD / ORGANIZER</b>	<b>HP.SC.3.</b>	<b>Investigate patterns across in U.S. history (e.g., major events/conflicts/culture; compare with major events/conflicts/culture to the present)</b>  <b><u>Virtual Field Trips</u></b> <b>Washington, DC - Grades K - 5</b>