

**Main Criteria:** Kentucky Academic Standards  
**Secondary Criteria:** Social Studies Online  
**Subjects:** Science, Social Studies  
**Grade:** 8  
**Correlation Options:** Show Correlated

**Kentucky Academic Standards**  
**Science**  
Grade: 8 - Adopted: 2022

STRAND		Eighth Grade
CATEGORY / GOAL	8-PS1-3.	Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.  <b><u>Social Studies Online</u></b> Amazon Rainforest - People and Threats - Grades 6-8
CATEGORY / GOAL	8-LS1-5.	Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.  <b><u>Social Studies Online</u></b> Galapagos Islands
CATEGORY / GOAL	8-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.  <b><u>Social Studies Online</u></b> Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado
CATEGORY / GOAL	8-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services.  <b><u>Social Studies Online</u></b> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
CATEGORY / GOAL	8-ESS3-1.	Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.  <b><u>Social Studies Online</u></b> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California

CATEGORY / GOAL	8-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
		<a href="#"><u>Social Studies Online</u></a> <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a> <a href="#">Canada: Coast to Coast</a> <a href="#">Galapagos Islands</a> <a href="#">National Parks - Alaska &amp; Hawaii</a> <a href="#">National Parks - Nevada, California</a> <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a> <a href="#">National Parks - Wyoming, Utah</a>

CATEGORY / GOAL	8-ESS3-4.	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.
		<a href="#"><u>Social Studies Online</u></a> <a href="#">Amazon Rainforest - People and Threats - Grades 6-8</a>

CATEGORY / GOAL	8-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.
		<a href="#"><u>Social Studies Online</u></a> <a href="#">Canada: Coast to Coast</a> <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a>

#### Kentucky Academic Standards

#### Social Studies

Grade: 8 - Adopted: 2022

STRAND		Grade 8: The United States: 1600-1877
CATEGORY / GOAL		Civics (C)
STANDARD / ORGANIZER		Civic and Political Institutions (CP)

EXPECTATION	8.C.CP.1.	Analyze the origin and purposes of rule of law, popular sovereignty, federalism, separation of powers and checks and balances.
		<a href="#"><u>Social Studies Online</u></a> <a href="#">Washington, DC - Grades 6 - 12</a>

EXPECTATION	8.C.CP.3.	Explain how a system of checks and balances is intended to prevent a concentration of power in one branch.
		<a href="#"><u>Social Studies Online</u></a> <a href="#">Washington, DC - Grades 6 - 12</a>