

Main Criteria: West Virginia College and Career Readiness Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 6

Correlation Options: Show Correlated

West Virginia College and Career Readiness Standards

Science

Grade: 6 - Adopted: 2021

CONTENT STANDARD / COURSE	Science Indicators Grades 6-8
CONTENT STANDARD / OBJECTIVE	College- and Career-Readiness Indicators for Science
OBJECTIVE / EXPECTATION	Nature of Science

GRADE LEVEL EXPECTATION

Science is a creative human endeavor which is influenced by social and cultural biases.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Galapagos Islands

National Parks - Alaska & Hawaii

National Parks - Nevada, California

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

CONTENT STANDARD / COURSE	Science Indicators Grades 6-8
CONTENT STANDARD / OBJECTIVE	College- and Career-Readiness Indicators for Science
OBJECTIVE / EXPECTATION	Science Connecting Concepts

GRADE LEVEL EXPECTATION

Observing patterns

Virtual Field Trips

Who Lives On a Coral Reef?

GRADE LEVEL EXPECTATION

Investigating and explaining cause and effect

Virtual Field Trips

How Coral Reefs Are Formed

Who Lives On a Coral Reef?

GRADE LEVEL EXPECTATION

Recognizing scale, proportion, and quantity

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

GRADE LEVEL EXPECTATION	Tracking energy and matter flows, into, out of, and within systems to understand system behavior
	Virtual Field Trips Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8

GRADE LEVEL EXPECTATION	Determining the relationships between structure and function
	Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Galapagos Islands How Coral Reefs Are Formed Who Lives On a Coral Reef?

GRADE LEVEL EXPECTATION	Studying stability and change
	Virtual Field Trips Galapagos Islands How Coral Reefs Are Formed Who Lives On a Coral Reef?

CONTENT STANDARD / COURSE	Science Indicators Grades 6-8
CONTENT STANDARD / OBJECTIVE	College- and Career-Readiness Indicators for Science
OBJECTIVE / EXPECTATION	Science Literacy

GRADE LEVEL EXPECTATION	Identifying scientific issues underlying national and local decisions and expressing positions that are scientifically and technologically informed
	Virtual Field Trips African Safari Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

CONTENT STANDARD / COURSE	Science – Grade 6
CONTENT STANDARD / OBJECTIVE	LIFE Science
OBJECTIVE / EXPECTATION	Interdependent Relationships in Ecosystems

GRADE LEVEL EXPECTATION	S.6.1.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems. Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands How Coral Reefs Are Formed National Parks - Alaska & Hawaii The Sahara Desert Who Lives On a Coral Reef?
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GRADE LEVEL EXPECTATION	S.6.2.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. Virtual Field Trips African Safari Amazon Rainforest - People and Threats - Grades 2-5 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 Who Lives On a Coral Reef?
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CONTENT STANDARD / COURSE		Science – Grade 6
CONTENT STANDARD / OBJECTIVE		LIFE Science
OBJECTIVE / EXPECTATION		Matter and Energy in Organisms and Ecosystems

GRADE LEVEL EXPECTATION	S.6.6.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. Virtual Field Trips Amazon Rainforest - Grades 2-5 Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands Who Lives On a Coral Reef?
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GRADE LEVEL EXPECTATION	S.6.7.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations.
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Virtual Field Trips

- Amazon Rainforest - Grades 2-5
- Amazon Rainforest - Grades 6-8
- Amazon Rainforest - People and Threats - Grades 2-5
- Amazon Rainforest - People and Threats - Grades 6-8
- Canada: Coast to Coast
- Galapagos Islands
- How Coral Reefs Are Formed
- National Parks - Alaska & Hawaii
- National Parks - Washington, Oregon, Idaho, Montana, Colorado
- The Sahara Desert
- Who Lives On a Coral Reef?

CONTENT STANDARD / COURSE		Science – Grade 6
CONTENT STANDARD / OBJECTIVE		Earth and Space Science
OBJECTIVE / EXPECTATION		Weather and Climate

GRADE LEVEL EXPECTATION	S.6.16.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.
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Virtual Field Trips

- Canada: Coast to Coast

GRADE LEVEL EXPECTATION	S.6.17.	Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.
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Virtual Field Trips

- Galapagos Islands

GRADE LEVEL EXPECTATION	S.6.18.	Ask questions to clarify evidence of the factors that have caused the change in global temperatures over the past century.
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Virtual Field Trips

- Canada: Coast to Coast
- National Parks - Washington, Oregon, Idaho, Montana, Colorado
- Who Lives On a Coral Reef?

West Virginia College and Career Readiness Standards

Social Studies

Grade: 6 - Adopted: 2016

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.6.C.	Civics

OBJECTIVE / EXPECTATION	SS.6.7.	Research and organize information about an issue of global concern from multiple points of view (e.g., ecology, natural resources, and human rights).
		<p>Virtual Field Trips</p> <p>Amazon Rainforest - Grades 2-5</p> <p>Amazon Rainforest - People and Threats - Grades 6-8</p> <p>Canada: Our Northern Neighbor</p>

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.6.E.	Economics

OBJECTIVE / EXPECTATION	SS.6.8.	Compare and contrast the basic characteristics of communism, socialism and capitalism.
		<p>Virtual Field Trips</p> <p>Exploring Cuba</p>

OBJECTIVE / EXPECTATION	SS.6.9.	Identify examples of renewable and non-renewable resources and analyze the factors that affect these resources on the individual, local and national economies (e.g., hurricanes, floods, etc.).
		<p>Virtual Field Trips</p> <p>Amazon Rainforest - Grades 2-5</p> <p>Amazon Rainforest - People and Threats - Grades 6-8</p> <p>Canada: Our Northern Neighbor</p>

OBJECTIVE / EXPECTATION	SS.6.13.	Assess the economic impact of technology on world regions throughout history.
		<p>Virtual Field Trips</p> <p>Ancient China - Qin & Han Dynasties</p> <p>Ancient China - Shang & Zhou Dynasties</p> <p>Ancient Greece</p> <p>Ancient Mayan Civilization</p>

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.6.G.	Geography

OBJECTIVE / EXPECTATION	SS.6.16.	Examine population data from the U.S. Census Bureau and infer the reasons for changes and differences in various areas (e.g., difference between rural and urban areas).
		<p>Virtual Field Trips</p> <p>Washington, DC - Grades 6 - 8</p>

OBJECTIVE / EXPECTATION	SS.6.18.	Locate the major waterways of North America, South America, Europe and the Middle East and examine their impact on transportation and trade (e.g., discuss how the opening of the Erie Canal contributed to the rise of cities in New York).
		<p>Virtual Field Trips</p> <p>Amazon Rainforest - Grades 6-8</p> <p>Amazon Rainforest - People and Threats - Grades 2-5</p>

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
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CONTENT STANDARD / OBJECTIVE	SS.6.H.	History
OBJECTIVE / EXPECTATION	SS.6.21.	Demonstrate an understanding of the causes, key events and outcomes of World War II.

GRADE LEVEL EXPECTATION . SS.6.21.d Analyze the role of strong leadership during the war and critique their responses to the conflict.

Virtual Field Trips
London - City of Pomp & Majesty

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.6.H.	History
OBJECTIVE / EXPECTATION	SS.6.22.	Demonstrate an understanding of global developments following World War II including the impact of the Cold War on the world.

GRADE LEVEL EXPECTATION . SS.6.22.c Summarize the events of the Cold War (e.g., Korean conflict, Vietnam, Cuban Missile Crisis and Space Race).

Virtual Field Trips
Exploring Cuba

GRADE LEVEL EXPECTATION . SS.6.22.d Describe the Soviet Union's domination of Eastern Europe, the rise of the Communist party in China and the building of the Berlin Wall.

Virtual Field Trips
Ancient China - Qin & Han Dynasties

CONTENT STANDARD / COURSE	WV.SS.6.	Sixth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.6.H.	History
OBJECTIVE / EXPECTATION	SS.6.23.	Identify the key figures, events and philosophies of the US Civil Rights Movement.

GRADE LEVEL EXPECTATION . SS.6.23.a Trace the development of Civil Rights for minority groups in the United States (e.g., women and African Americans).

Virtual Field Trips
Washington, DC - Grades 6 - 8

GRADE LEVEL EXPECTATION . SS.6.23.b Identify key figures and key events in movements for civil rights.

Virtual Field Trips
Washington, DC - Grades 6 - 8