

Main Criteria: West Virginia College and Career Readiness Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 8

Correlation Options: Show Correlated

West Virginia College and Career Readiness Standards

Science

Grade: 8 - 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 6-8

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

Recognizing scale, proportion, and quantity

Virtual Field Trips

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 6-8

Amazon Rainforest - People and Threats - Grades 6-8

GRADE LEVEL EXPECTATION

Determining the relationships between structure and function

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Galapagos Islands

GRADE LEVEL EXPECTATION

Studying stability and change

Virtual Field Trips

Galapagos Islands

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

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 8
CONTENT STANDARD / OBJECTIVE		LIFE Science
OBJECTIVE / EXPECTATION		Growth, Development, and Reproduction of Organisms

GRADE LEVEL EXPECTATION

S.8.2.

Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

CONTENT STANDARD / COURSE		Science – Grade 8
CONTENT STANDARD / OBJECTIVE		PHYSICAL Science
OBJECTIVE / EXPECTATION		Structure and Properties of Matter

GRADE LEVEL EXPECTATION

S.8.12.

Gather and make sense of information to describe that synthetic materials come from natural resources and impact society.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

CONTENT STANDARD / COURSE		Science – Grade 8
CONTENT STANDARD / OBJECTIVE		Earth and Space Science
OBJECTIVE / EXPECTATION		Human Impacts

GRADE LEVEL EXPECTATION S.8.17. Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

West Virginia College and Career Readiness Standards

Social Studies

Grade: 8 - Adopted: 2016

CONTENT STANDARD / COURSE	WV.SS.8.	Eighth Grade Standards
CONTENT STANDARD / OBJECTIVE	SS.8.C.	Civics
OBJECTIVE / EXPECTATION	SS.8.4.	Differentiate between the division of powers and responsibilities for each of the executive, legislative and judicial branches of the United States and West Virginia governments, describe the system of checks and balances, and explore local forms of government.

GRADE LEVEL EXPECTATION SS.8.4.f. Compare and contrast the relationship and function of local, county, state and national governments.

Virtual Field Trips

Washington, DC - Grades 6 - 8