

Main Criteria: South Dakota Content Standards
Secondary Criteria: Virtual Field Trips Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

South Dakota Content Standards
Science
Grade: 8 - Adopted: 2015

GOAL/STRAND	SD.6-8.PSS.	Middle School Physical Science Standards
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INDICATOR/BENCHMARK	MS-PS1-3.	Obtain and evaluate information to describe that synthetic materials come from natural resources and impact society. (SEP: 8; DCI: PS1.A, PS1.B; CCC: Structure/Function, Technology)
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Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

GOAL/STRAND	SD.6-8.LSS.	Middle School Life Science Standards
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INDICATOR/BENCHMARK	MS-LS1-5.	Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms. (SEP: 6; DCI: LS1.B; CCC: Cause/Effect)
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Virtual Field Trips

Galapagos Islands

INDICATOR/BENCHMARK	MS-LS2-2.	Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems. (SEP: 6; DCI: LS2.A; CCC: Patterns)
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Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

National Parks - Alaska & Hawaii

INDICATOR/BENCHMARK	MS-LS2-3.	Develop a model to describe the cycling of matter and flow of energy among living and nonliving parts of an ecosystem. (SEP: 2; DCI: LS2.B; CCC: Energy/Matter)
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Virtual Field Trips

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

INDICATOR/BENCHMARK	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. (SEP: 7; DCI: LS2.C ; CCC: Stability/Change)
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Virtual Field Trips

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

INDICATOR/BE NCHMARK	MS-LS2- 5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. (SEP: 7; DCI: LS2.C, LS4.D, ETS1.B ; CCC: Stability/Change, Technology) Virtual Field Trips 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
GOAL/STRAND	SD.6- 8.ESS.	Middle School Earth and Space Science Standards
INDICATOR/BE NCHMARK	MS- ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. (SEP: 2; DCI: ESS2.A; CCC: Stability/Change) Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
INDICATOR/BE NCHMARK	MS- ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. (SEP: 6; DCI: ESS2.A, ESS2.C; CCC: Scale/Prop.) Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
INDICATOR/BE NCHMARK	MS- ESS2-3.	Analyze and interpret data on the age of the Earth, distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. (SEP: 4; DCI: ESS2.B, ESS1.C; CCC: Patterns) Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
INDICATOR/BE NCHMARK	MS- ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. (SEP: 3; DCI: ESS2.C, ESS2.D; CCC: Cause/Effect) Virtual Field Trips Canada: Coast to Coast
INDICATOR/BE NCHMARK	MS- ESS2-6.	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. (SEP: 2; DCI: ESS2.C, ESS2.D; CCC: Systems) Virtual Field Trips Galapagos Islands

INDICATOR/BE NCHMARK	MS- 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. (SEP: 6; DCI: ESS3.A ; CCC: Cause/Effect , Technology) <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California
INDICATOR/BE NCHMARK	MS- ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. (SEP: 6 ; DCI: ESS3.C; CCC: Cause/Effect, Technology) <u>Virtual Field Trips</u> 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
INDICATOR/BE NCHMARK	MS- 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. (SEP: 7; DCI: ESS3.C; CCC: Cause/Effect, Technology, Nature Science/Consequence-Actions) <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 6-8
INDICATOR/BE NCHMARK	MS- ESS3-5.	Ask questions to clarify evidence of the factors that may have caused a change in global temperatures over the past century. (SEP: 1; DCI: ESS3.D; CCC: Stability/Change) <u>Virtual Field Trips</u> Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

South Dakota Content Standards

Social Studies

Grade: **8** - Adopted: **2023**

GOAL/STRAND		8th Grade – America: 1877-2008
INDICATOR/B ENCHMARK	8.SS.3.	The student demonstrates knowledge and understanding of American history at the turn of the 20th Century.
STANDARD	J.	The student tells the biography of Theodore Roosevelt, including: H: his upbringing; his life outside of politics, especially in the West; his fighting in the Spanish-American War; his presidency; his corollary to the Monroe Doctrine; his efforts at conservation <u>Virtual Field Trips</u> National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
GOAL/STRAND		8th Grade – America: 1877-2008
INDICATOR/B ENCHMARK	8.SS.6.	The student demonstrates knowledge of post-war America and the Civil Rights Movement.

STANDARD	I.	The student tells of the major events in John F. Kennedy's presidency, including: H: NASA; Bay of Pigs; Cuban Missile Crisis; the buildup of soldiers in Vietnam; his assassination
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Virtual Field Trips

Exploring Cuba