

Main Criteria: Vermont Content Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 4

Correlation Options: Show Correlated

Vermont Content Standards

Science

Grade: 4 - Adopted: 2014

STANDARD / STRAND	VT.4-PS.	PHYSICAL SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	4-PS4.	Waves and their Applications in Technologies for Information Transfer
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:

GRADE LEVEL EXPECTATION 4-PS4-3. Generate and compare multiple solutions that use patterns to transfer information.

Virtual Field Trips

Grade 3 - Geography of Our Communities

STANDARD / STRAND	VT.4-LS.	LIFE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	4-LS1.	From Molecules to Organisms: Structures and Processes
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:

GRADE LEVEL EXPECTATION 4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Canada: Coast to Coast

Galapagos Islands

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Geography

How Coral Reefs Are Formed

The Sahara Desert

Who Lives On a Coral Reef?

GRADE LEVEL EXPECTATION 4-LS1-2. Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

Virtual Field Trips

Grade 4 - West Region Geography

Who Lives On a Coral Reef?

STANDARD / STRAND	VT.4-ESS.	EARTH AND SPACE SCIENCE
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ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	4-ESS2.	Earth's Systems
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:

GRADE LEVEL EXPECTATION 4-ESS2-1. Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.

Virtual Field Trips

Grade 3 - Geography of Our Communities

Grade 4 - Midwest Region Today

Grade 4 - Southwest Region Early Beginnings

National Parks - Alaska & Hawaii

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

National Parks - Wyoming, Utah

STANDARD / STRAND	VT.4-ESS.	EARTH AND SPACE SCIENCE
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD	4-ESS3.	Earth and Human Activity
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL		Students who demonstrate understanding can:

GRADE LEVEL EXPECTATION 4-ESS3-1. Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Canada: Coast to Coast

Canada: Our Northern Neighbor

Grade 3 - Geography of Our Communities

Grade 4 - Northeast

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Geography

Grade 4 - West Region Today

The Sahara Desert

GRADE LEVEL EXPECTATION 4-ESS3-2. Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.

Virtual Field Trips

Grade 3 - Geography of Our Communities

Vermont Content Standards

Social Studies

Grade: 4 - Adopted: 2017

STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		CIVICS: Civic and Political Institutions

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Civ.2. 3-5.	Explain how a democracy relies on people's responsible participation, and draw implications for how individuals should participate. Virtual Field Trips Grade 3 - How Government Helps Our Communities
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Civ.3. 3-5.	Examine the origins and purposes of rules, laws, and key U.S. constitutional provisions. Virtual Field Trips Grade 3 - How Government Helps Our Communities
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Civ.5. 3-5.	Explain the origins, functions, and structure of different systems of government, including those created by the U.S. and state constitutions. Virtual Field Trips Canada: Our Northern Neighbor Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans

STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		CIVICS: Participation and Deliberation: Applying Civic Virtues and Democratic Principles

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Civ.8. 3-5.	Identify core civic virtues and democratic principles that guide government, society, and communities. Virtual Field Trips Grade 3 - How Government Helps Our Communities
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: Economic Decision Making

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.1. 3-5.	Compare the benefits and costs of individual choices. Virtual Field Trips Grade 3 - I Am a Consumer
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: Exchange and Markets

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.3. 3-5.	Identify examples of the variety of resources (human capital, physical capital, and natural resources) that are used to produce goods and services. Virtual Field Trips Grade 3 - Businesses At Work
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.4 .3-5.	Explain why individuals and businesses specialize and trade. <u>Virtual Field Trips</u> Exploring Cuba Grade 3 - Businesses At Work
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.5 .3-5.	Explain the role of money in making exchange easier. <u>Virtual Field Trips</u> Barcelona
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.7. 3-5.	Explain how profits influence sellers in markets. <u>Virtual Field Trips</u> Grade 3 - Businesses At Work Grade 3 - I Am a Consumer
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: The National Economy

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.1 2.3-5.	Explain the ways in which the government pays for the goods and services it provides. <u>Virtual Field Trips</u> Barcelona
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		ECONOMICS: The Global Economy

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Eco.1 4.3-5.	Explain how trade leads to increasing economic interdependence among nations. <u>Virtual Field Trips</u> Exploring Cuba Grade 3 - Businesses At Work
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Geographic Representations: Spatial Views of the World

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.1 .3-5.	Construct maps and other graphic representations of both familiar and unfamiliar places. <u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.2 .3-5.	Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions and their environmental characteristics. <u>Virtual Field Trips</u> Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast The Sahara Desert
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.3 .3-5.	Use maps of different scales to describe the locations of cultural and environmental characteristics. <u>Virtual Field Trips</u> Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast The Sahara Desert
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Human-Environment Interaction: Place, Regions, and Culture

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo. 4.3-5.	Explain how culture influences the way people modify and adapt to their environments. <u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - Geography of Our Communities Grade 4 - Northeast
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo. 6.3-5.	Describe how environmental and cultural characteristics influence population distribution in specific places or regions. <u>Virtual Field Trips</u> Canada: Our Northern Neighbor Grade 4 - Northeast
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Human Population: Spatial Patterns and Movements

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.7 .3-5.	Explain how cultural and environmental characteristics affect the distribution and movement of people, goods, and ideas. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo. 8.3-5.	Explain how human settlements and movements relate to the locations and use of various natural resources. Virtual Field Trips Amazon Rainforest - Grades 2-5 Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - The First Americans Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Today
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo. 9.3-5.	Analyze the effects of catastrophic environmental and technological events on human settlements and migration. Virtual Field Trips Exploring Cuba Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography
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STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		GEOGRAPHY: Global Interconnections: Changing Spatial Patterns

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.1 0.3-5.	Explain why environmental characteristics vary among different world regions. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Geography Grade 4 - West Region Landforms
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.1 1.3-5.	Describe how the spatial patterns of economic activities in a place change over time because of interactions with nearby and distant places. Virtual Field Trips Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.Geo.1 2.3-5.	Explain how natural and human-made catastrophic events in one place affect people living in other places. Virtual Field Trips Exploring Cuba Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		HISTORY: Change, Continuity, and Context
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.2. 3-5.	Compare life in specific historical time periods to life today. Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Our Northern Neighbor Grade 3 - The First Americans Grade 4 - Northeast
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.3. 3-5.	Generate questions about individuals and groups who have shaped significant historical changes and continuities. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Grade 3 - How The Country Was Settled Grade 3 - The First Americans Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Today Rome - The Eternal City Washington, DC - Grades K - 5
STANDARD / STRAND	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		HISTORY: Perspectives
GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.4. 3-5.	Explain why individuals and groups during the same historical period differed in their perspectives. Virtual Field Trips Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.5. 3-5.	Explain connections among historical contexts and people's perspectives at the time. Virtual Field Trips Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography
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GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.6. 3-5.	Describe how people's perspectives shaped the historical sources they created. Virtual Field Trips Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography
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STANDARD / STANDARD	C3.D2.	Applying Disciplinary Concepts & Tools
ESSENTIAL KNOWLEDGE AND SKILL / STANDARD		HISTORY: Causation and Argumentation

GRADE LEVEL EXPECTATION / KNOWLEDGE AND SKILL	D2.His.1 4.3-5.	Explain probable causes and effects of events and developments. Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - How The Country Was Settled Grade 3 - The First Americans Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings Grade 4 - West Region Today Rome - The Eternal City
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GRADE LEVEL	D2.His.1	Use evidence to develop a claim about the past.
EXPECTATION /	6.3-5.	
KNOWLEDGE		
AND SKILL		

Virtual Field Trips

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Ancient Egypt - Land of the Pharaohs

Ancient Egypt - Land of the Pyramids

Ancient Greece

Ancient Mayan Civilization

Ancient Rome

Canada: Coast to Coast

Grade 3 - How The Country Was Settled

Grade 3 - The First Americans

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Midwest Region Today

Grade 4 - Northeast

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Today

Rome - The Eternal City