

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: K
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: K - Adopted: 2019

STRAND / DOMAIN	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	K-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION K-ESS2-1. Use and share observations of local weather conditions to describe patterns over time.

Virtual Field Trips
 Grade 1 - The Earth Around Us

EXPECTATION K-ESS2-2. Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.

Virtual Field Trips
 Grade 1 - Life Long Ago
 Grade 1 - The Earth Around Us

STRAND / DOMAIN	NGSS.K-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	K-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:

EXPECTATION K-ESS3-3. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Virtual Field Trips
 Grade 1 - The Earth Around Us

Maine Learning Results
Social Studies
 Grade: K - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.

STANDARD Civics & Government 1: Students understand key ideas and processes that characterize democratic government in the community and the United States by identifying community workers and volunteers and the roles they play in promoting the common good.

Virtual Field Trips
 Grade 1 - All About Work

STANDARD	Civics & Government 2:	Students understand key ideas and processes that characterize democratic government in the community and the United States by recognizing symbols, monuments, celebrations, and leaders of local government. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Washington, DC - Grades K - 5
STANDARD	Civics & Government 3:	Students understand the concepts of rights, duties, responsibilities, and participation by explaining the purpose of school/classroom rules and local laws encountered in daily experiences to promote the common good and the peaceful resolution of conflict. Virtual Field Trips Grade 1 - Let's Learn About the Government
STRAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.
STANDARD	Personal Finance:	Students understand the nature of personal finance as well as key foundational ideas by describing how money has value and can be traded for goods and services. Virtual Field Trips Grade 1 - All About Work
STANDARD	Economics:	Students understand the nature of economics as well as key foundational ideas by describing how people make choices to meet their needs and wants. Virtual Field Trips Grade 1 - All About Work
STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 1:	Students understand the nature and basic ideas of geography by identifying questions about their world and explaining that geography is the study of the Earth's surface and peoples. Virtual Field Trips Grade 1 - The Earth Around Us Paris - City of Light - Grades K - 5
STANDARD	Geography 2:	Students understand the influence of geography on individuals and their immediate surroundings by identifying the impacts of geographic features on individuals and families. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us
STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world ²

STANDARD

History 3: Students understand historical aspects of the uniqueness and commonality of individuals and groups, including Maine Native Americans, by explaining how individuals and families share both common and unique aspects of culture, values, and beliefs through stories, traditions, religion, celebrations, or the arts.

Virtual Field Trips

Grade 1 - Families and Neighbors

Jerusalem - Then and Now (Younger Grades)

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 1
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: 1 - Adopted: 2019

STRAND / DOMAIN	NGSS.1-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	1-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

EXPECTATION 1-LS1-1. Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

Virtual Field Trips
 Grade 2 - Land and Water Around Us

STRAND / DOMAIN	NGSS.1-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	1-ESS1.	Earth's Place in the Universe
STANDARD		Students who demonstrate understanding can:

EXPECTATION 1-ESS1-2. Make observations at different times of year to relate the amount of daylight to the time of year.

Virtual Field Trips
 Grade 1 - The Earth Around Us
 Grade 2 - Land and Water Around Us

Maine Learning Results
Social Studies
 Grade: 1 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.

STANDARD Civics & Government 1: Students understand key ideas and processes that characterize democratic government in the community and the United States by recognizing symbols, monuments, celebrations, and leaders of State government.

Virtual Field Trips
 Grade 1 - Families and Neighbors
 Grade 1 - Let's Learn About the Government
 Grade 1 - Life Long Ago
 Grade 2 - Our Government At Work
 Washington, DC - Grades K - 5

STANDARD	Civics & Government 2:	Students understand the concepts of rights, duties, responsibilities, and participation by explaining the purpose of school/classroom rules and state laws encountered in daily experiences to promote the common good and the peaceful resolution of conflict. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Living Together Grade 2 - Our Government At Work
STRAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.
STANDARD	Personal Finance:	Students understand the nature of personal finance as well as key foundational ideas by describing how spending, saving, and sharing are ways to use money. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money
STANDARD	Economics:	Students understand the nature of economics as well as key foundational ideas by explaining and making decisions about how to use scarce resources to meet their needs and wants. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money
STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 1:	Students understand the nature and basic ideas of geography by gathering information about their immediate neighborhood and community, including maps, photographs, charts and graphs, and then create visual representations of their findings. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us Grade 2 - Living Together
STANDARD	Geography 2:	Students understand the influence of geography on communities by identifying the impacts of geographic features on communities. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us
STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world.

STANDARD	History 2: Students understand historical aspects of the uniqueness and commonality of individuals and groups, including Maine Native Americans by explaining how individuals and families share both common and unique aspects of culture, values, and beliefs through stories, traditions, religion, celebrations, or the arts. Students organize findings at a developmentally appropriate manner and share gathered information using oral and visual examples.
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Virtual Field Trips

Grade 1 - Families and Neighbors

Grade 2 - Living Together

Jerusalem - Then and Now (Younger Grades)

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 2
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: 2 - Adopted: 2019

STRAND / DOMAIN	NGSS.2-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	2-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION 2-LS2-1. Plan and conduct an investigation to determine if plants need sunlight and water to grow.

Virtual Field Trips
 Grade 2 - Land and Water Around Us

STRAND / DOMAIN	NGSS.2-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	2-LS4.	Biological Evolution: Unity and Diversity
STANDARD		Students who demonstrate understanding can:

EXPECTATION 2-LS4-1. Make observations of plants and animals to compare the diversity of life in different habitats.

Virtual Field Trips
 African Safari
 Amazon Rainforest - Grades 2-5
 Amazon Rainforest - People and Threats - Grades 2-5
 Grade 3 - Geography of Our Communities
 How Coral Reefs Are Formed
 The Sahara Desert
 Who Lives On a Coral Reef?

STRAND / DOMAIN	NGSS.2-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	2-ESS1.	Earth's Place in the Universe
STANDARD		Students who demonstrate understanding can:

EXPECTATION 2-ESS1-1. Make observations from media to construct an evidence-based account that Earth events can occur quickly or slowly.

Virtual Field Trips
 Grade 2 - Land and Water Around Us
 Grade 3 - Geography of Our Communities

STRAND / DOMAIN	NGSS.2-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	2-ESS2.	Earth's Systems

STANDARD		Students who demonstrate understanding can:
EXPECTATION 1.	2-ESS2-1.	Compare multiple solutions designed to slow or prevent wind or water from changing the shape of the land. Virtual Field Trips Grade 3 - Geography of Our Communities
EXPECTATION 2.	2-ESS2-2.	Develop a model to represent the shapes and kinds of land and bodies of water in an area. Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities How Coral Reefs Are Formed The Sahara Desert Who Lives On a Coral Reef?
EXPECTATION 3.	2-ESS2-3.	Obtain information to identify where water is found on Earth and that it can be solid or liquid. Virtual Field Trips Amazon Rainforest - Grades 2-5 Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities

Maine Learning Results
Social Studies
Grade: 2 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.

STANDARD	Civics & Government 1:	Students understand key ideas and processes that characterize democratic government in the community and the United States by describing and providing examples of democratic ideals. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
STANDARD	Civics & Government 2:	Students understand key ideas and processes that characterize democratic government in the community and the United States by recognizing symbols, monuments, celebrations, and leaders of national government. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Our Government At Work Grade 3 - A Country of Cultures Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5

STANDARD	Civics & Government 3:	Students understand the concepts of rights, duties, responsibilities, and participation by explaining the purpose of school/classroom rules and national laws encountered in daily experiences to promote the common good and the peaceful resolution of conflict through selecting, planning, and participating in a civic action or service-learning project based on a classroom or school asset or need, and describing the project's potential civic contribution. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money
STANDARD	Civics & Government 4:	Students understand the traditions of Maine Native Americans and various cultures by comparing national traditions and customs. Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans Grade 3 - A Country of Cultures Grade 3 - The First Americans
STRAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.
STANDARD	Personal Finance:	Students understand the nature of personal finance as well as key foundational ideas by describing how planning for the future is important to managing money. Virtual Field Trips Grade 3 - I Am a Consumer
STANDARD	Economics:	Students understand the nature of economics as well as key foundational ideas by explaining how people make choices about how to use scarce resources and make individual and collaborative plans to meet their own needs and wants. Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money Grade 3 - Businesses At Work Grade 3 - I Am a Consumer
STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.

STANDARD	Geography 1:	Students understand the nature and basic ideas of geography by using basic maps and globes to identify local and distant places and locations, directions (including N, S, E, and W), and basic physical, environmental, and cultural features. Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities How Coral Reefs Are Formed Paris - City of Light - Grades K - 5 The Sahara Desert Who Lives On a Coral Reef?
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STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world.

STANDARD	History 1:	Students understand the nature of history as well as the key foundation of ideas by following an established procedure to locate sources appropriate to reading level and identifying a few key figures and events from personal history and the history of the community, the state, and the United States, especially those associated with historically-based traditions. Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Early Americans Grade 3 - How The Country Was Settled Grade 3 - The First Americans Washington, DC - Grades K - 5
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Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 3
Correlation Options: Show Correlated

Maine Learning Results
Science
Grade: 3 - Adopted: 2019

STRAND / DOMAIN	NGSS.3-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	3-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

EXPECTATION 3-LS1-1. Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.

Virtual Field Trips
Galapagos Islands
Grade 4 - West Region Geography
How Coral Reefs Are Formed

STRAND / DOMAIN	NGSS.3-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	3-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION 3-LS2-1. Construct an argument that some animals form groups that help members survive.

Virtual Field Trips
African Safari
Amazon Rainforest - Grades 2-5
How Coral Reefs Are Formed
The Sahara Desert
Who Lives On a Coral Reef?

STRAND / DOMAIN	NGSS.3-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	3-LS4.	Biological Evolution: Unity and Diversity
STANDARD		Students who demonstrate understanding can:

EXPECTATION	3-LS4-2.	Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.
		Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands Grade 2 - Land and Water Around Us 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?

EXPECTATION	3-LS4-3.	Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.
		Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands Grade 2 - Land and Water Around Us 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?

EXPECTATION	3-LS4-4.	Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.
		Virtual Field Trips African Safari Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities Grade 4 - West Region Today Who Lives On a Coral Reef?

STRAND / DOMAIN	NGSS.3-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	3-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION	3-ESS2-1.	Represent data in tables and graphical displays to describe typical weather conditions expected during a particular season.
		Virtual Field Trips African Safari Grade 2 - Land and Water Around Us Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Geography

EXPECTATION	3-ESS2-2.	Obtain and combine information to describe climates in different regions of the world. Virtual Field Trips Amazon Rainforest - Grades 2-5 Grade 2 - Land and Water Around Us Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography The Sahara Desert
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STRAND / DOMAIN	NGSS.3-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	3-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:

EXPECTATION	3-ESS3-1.	Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard. Virtual Field Trips Grade 3 - Geography of Our Communities
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Maine Learning Results
Social Studies
Grade: 3 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.

STANDARD	Civics & Government 1:	Students understand the basic ideals, purposes, principles, structures, and processes of democratic government in Maine and the United States by explaining that the study of government includes how governments are organized and how citizens participate. Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
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STANDARD	Civics & Government 2:	Students understand the basic ideals, purposes, principles, structures, and processes of democratic government in Maine and the United States by explaining how leaders are elected and how laws are made and implemented. Virtual Field Trips Grade 2 - Living Together Grade 2 - Our Government At Work
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STANDARD	Civics & Government 3:	Students understand the basic rights, duties, responsibilities, and roles of citizens in a democratic republic by identifying the rights, duties, and responsibilities of citizens within the class, school, or community. Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities
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STANDARD	Civics & Government 4:	Students understand the basic rights, duties, responsibilities, and roles of citizens in a democratic republic by providing examples of how people influence government and work for the common good including voting and writing to legislators. <u>Virtual Field Trips</u> Grade 2 - Our Government At Work
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STANDARD	Civics & Government 5:	Students understand civic aspects of unity and diversity in the daily life of various cultures in Maine and the United States by identifying examples of unity (sameness) and diversity (variety). <u>Virtual Field Trips</u> Grade 3 - A Country of Cultures
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STRAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.

STANDARD	Personal Finance:	Students understand the nature of personal finance as well as key foundational ideas by describing situations in which personal choices are related to the use of money. <u>Virtual Field Trips</u> Grade 3 - I Am a Consumer
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STANDARD	Economics:	Students understand economics and the basis of the economies of the community, Maine, the United States, and various regions of the world by explaining how scarcity leads to choices about what goods and services are produced and for whom they are produced. <u>Virtual Field Trips</u> Grade 2 - Work and Money Grade 3 - Businesses At Work
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.

STANDARD	Geography 1:	Students understand the geography of the community, Maine, the United States, and various regions of the world by explaining that geography includes the study of Earth's physical features including climate and the distribution of plant, animal, and human life.
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Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Exploring Cuba

Galapagos Islands

Grade 2 - Land and Water Around Us

Grade 2 - Living Together

Grade 3 - Geography of Our Communities

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 - Southeast Region of the U.S.

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

Grade 4 - West Region Landforms

Grade 4 - West Region Today

How Coral Reefs Are Formed

Paris - City of Light - Grades K - 5

The Sahara Desert

Washington, DC - Grades K - 5

Who Lives On a Coral Reef?

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 4
Correlation Options: Show Correlated

Maine Learning Results
Science
Grade: 4 - Adopted: 2019

STRAND / DOMAIN	NGSS.4-PS.	PHYSICAL SCIENCE
CATEGORY / PERFORMANCE INDICATOR	4-PS4.	Waves and their Applications in Technologies for Information Transfer
STANDARD		Students who demonstrate understanding can:

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

Virtual Field Trips

Grade 3 - Geography of Our Communities

STRAND / DOMAIN	NGSS.4-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	4-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

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?

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?

STRAND / DOMAIN	NGSS.4-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	4-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

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.
		<u>Virtual Field Trips</u> 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

STRAND / DOMAIN	NGSS.4-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	4-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:

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.
		<u>Virtual Field Trips</u> 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

EXPECTATION	4-ESS3-2.	Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.
		<u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities

Maine Learning Results
Social Studies
 Grade: 4 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.

STANDARD	Civics & Government 1:	Students understand the basic ideals, purposes, principles, structures, and processes of democratic government in Maine and the United States by explaining and providing examples of democratic ideals and constitutional principles to include the rule of law, legitimate power, and common good.
		<u>Virtual Field Trips</u> Grade 3 - How Government Helps Our Communities

STANDARD	Civics & Government 2:	Students understand the basic ideals, purposes, principles, structures, and processes of democratic government in Maine by explaining and giving examples of governmental structures including the legislative, executive, and judicial branches and the local and State levels of government. Virtual Field Trips Grade 3 - How Government Helps Our Communities
ST RAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.
STANDARD	Economics:	Students understand economics and the basis of the economies of the community, Maine, the United States, and various regions of the world by explaining how scarcity leads to choices about how goods and services are consumed and distributed, and by making a real or simulated decision related to scarcity. Virtual Field Trips Grade 3 - Businesses At Work
STANDARD	Global Connections:	Students understand economic aspects of unity and diversity in the community, Maine, and regions of the United States and the world, including Maine Native American communities by identifying economic processes, economic institutions, and economic influences related to Maine Native Americans and various cultures in the United States and the world. Virtual Field Trips Grade 4 - West Region Geography
ST RAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 2:	Students understand geographic aspects of unity and diversity in various regions of the United States and the world by describing impacts of geographic features on the daily life of various cultures in the United States and the world. Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 5
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: 5 - Adopted: 2019

STRAND / DOMAIN	NGSS.5-PS.	PHYSICAL SCIENCE
CATEGORY / PERFORMANCE INDICATOR	5-PS3.	Energy
STANDARD		Students who demonstrate understanding can:

EXPECTATION 5-PS3-1. Use models to describe that energy in animals' food (used for body repair, growth, motion, and to maintain body warmth) was once energy from the sun.

Virtual Field Trips
 Galapagos Islands
 Who Lives On a Coral Reef?

STRAND / DOMAIN	NGSS.5-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	5-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION 5-LS2-1. Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

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?

STRAND / DOMAIN	NGSS.5-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	5-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION	5-ESS2-1.	Develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, and/or atmosphere interact. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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EXPECTATION	5-ESS2-2.	Describe and graph the amounts and percentages of water and fresh water in various reservoirs to provide evidence about the distribution of water on Earth. Virtual Field Trips National Parks - Nevada, California
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STRAND / DOMAIN	NGSS.5-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	5-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:

EXPECTATION	5-ESS3-1.	Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environment. 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 Grade 4 - West Region Today 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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Maine Learning Results

Social Studies

Grade: 5 - Adopted: 2019

STRAND / DOMAIN		Personal Finance & Economics
CATEGORY / PERFORMANCE INDICATOR		Students draw from concepts and processes in personal finance to understand issues of money management, saving, investing, credit, and debt; students draw from concepts and processes in economics to understand issues of production, distribution, consumption in the community, Maine, the United States, and the world.

STANDARD	Global Connections:	Students understand economic aspects of unity and diversity in the community, Maine, and regions of the United States and the world, including Maine Native American communities, by explaining economic processes, economic institutions, and economic influences related to Maine Native Americans and various cultures in the United States and the world.
		Virtual Field Trips Grade 4 - West Region Geography
STANDARD / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.

STANDARD	Geography 1:	Students understand the geography of the community, Maine, the United States, and various regions of the world by identifying the Earth's major geographic features such as continents, oceans, major mountains, and rivers using a variety of geographic tools including digital mapping tools; and explaining examples of changes in the Earth's physical features and their impact on communities and regions.
		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 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today 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 Geography Grade 4 - West Region Landforms Grade 4 - West Region Today London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades K - 5 The Sahara Desert Tokyo - City of Contrasts Washington, DC - Grades K - 5

STANDARD	Geography 2:	Students understand geographic aspects of unity and diversity in the community, Maine, and regions of the United States and the world, including Maine Native American communities, by identifying examples through inquiry of how geographic features unify communities and regions as well as support diversity using print and nonprint sources.
		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 Ancient China - Qin & Han Dynasties Grade 4 - West Region Early Beginnings

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 6
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: 6 - Adopted: 2019

STRAND / DOMAIN	NGSS.MS-PS.	PHYSICAL SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-PS1.	Matter and Its Interactions
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-PS1-3. 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 2-5

Amazon Rainforest - People and Threats - Grades 6-8

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-LS1-4. Use argument based on empirical evidence and scientific reasoning to support an explanation for how characteristic animal behaviors and specialized plant structures affect the probability of successful reproduction of animals and plants respectively.

Virtual Field Trips

How Coral Reefs Are Formed

EXPECTATION MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

How Coral Reefs Are Formed

EXPECTATION MS-LS1-8. Gather and synthesize information that sensory receptors respond to stimuli by sending messages to the brain for immediate behavior or storage as memories.

Virtual Field Trips

Who Lives On a Coral Reef?

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION	MS-LS2-2.	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?
EXPECTATION	MS-LS2-3.	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?
EXPECTATION	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. 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?
EXPECTATION	MS-LS2-5.	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?

STRAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
EXPECTATION	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
EXPECTATION	MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
EXPECTATION	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
EXPECTATION	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. Virtual Field Trips Galapagos Islands
STRAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:
EXPECTATION	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. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California The Sahara Desert

EXPECTATION	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. 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?
EXPECTATION	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. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 Who Lives On a Coral Reef?
EXPECTATION	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado Who Lives On a Coral Reef?

Maine Learning Results
Social Studies
 Grade: 6 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 1:	Students understand the basic ideals, purposes, principles, structures, and processes of constitutional government in Maine and the United States as well as examples of other forms of government in the world by:

EXPECTATION	Civics & Government 1:(F1)	Explaining that the study of government includes the structures and functions of government and the political and civic activity of citizens. Virtual Field Trips Washington, DC - Grades 6 - 8
EXPECTATION	Civics & Government 1:(F2)	Describing the structures and processes of United States government and government of the State of Maine and how these are framed by the United States Constitution, the Maine Constitution, and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8

EXPECTATION	Civics & Government 1:(F3)	Explaining the concepts of federalism and checks and balances and the role these concepts play in the governments of the United States and Maine as framed by the United States Constitution, the Maine Constitution and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8
STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 3:	Students understand political and civic aspects of cultural diversity by:

EXPECTATION	Civics & Government 3:(D2)	Describing the political structures and civic responsibilities of the diverse historic and current cultures of the United States and the world. Virtual Field Trips Canada: Our Northern Neighbor
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 1:	Students understand the geography of the community, Maine, the United States, and various regions of the world and the geographic influences on life in the past, present, and future by:

EXPECTATION	Geography 1:(F1)	Using the geographic grid and a variety of types of maps, including digital sources, to locate and access relevant geographic information that reflects multiple perspectives. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor The Sahara Desert
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EXPECTATION	Geography 1:(F2)	Identifying the major regions of the Earth and their major physical features and political boundaries using a variety of geographic tools including digital tools and resources. 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 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 The Sahara Desert Tokyo - City of Contrasts
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EXPECTATION	Geography 1:(D2)	Describing the impact of change on the physical and cultural environment. Virtual Field Trips National Parks - Alaska & Hawaii
STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 2:	Students understand geographic aspects of unity and diversity in Maine, the United States, and various world cultures, including Maine Native Americans by:

EXPECTATION Geography 2:(F1) Explaining how geographic features have impacted unity and diversity in Maine, the United States, and other nations.

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
Ancient China - Qin & Han Dynasties

STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world.
STANDARD	History 1:	Students understand major eras, major enduring themes, and historic influences in the history of Maine, the United States, and various regions of the world by:

EXPECTATION History 1: (F2) Identifying major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world.

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
Rome - The Eternal City
Washington, DC - Grades 6 - 8

EXPECTATION History 1: (F3) Tracing the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world.

Virtual Field Trips
Ancient Greece
Washington, DC - Grades 6 - 8

EXPECTATION History 1: (D1) Analyzing interpretations of historical events that are based on different perspectives and evidence from primary and secondary sources.

Virtual Field Trips
Canada: Our Northern Neighbor

EXPECTATION	History 1: Analyzing major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world.
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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

Rome - The Eternal City

Washington, DC - Grades 6 - 8

EXPECTATION	History 1: Explaining the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world.
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Virtual Field Trips

Ancient Greece

Washington, DC - Grades 6 - 8

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 7
Correlation Options: Show Correlated

Maine Learning Results
Science
 Grade: 7 - Adopted: 2019

STRAND / DOMAIN	NGSS.MS-PS.	PHYSICAL SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-PS1.	Matter and Its Interactions
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-PS1-3. 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

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Canada: Coast to Coast

Galapagos Islands

National Parks - Alaska & Hawaii

EXPECTATION MS-LS2-3. 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 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

EXPECTATION	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. 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
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EXPECTATION	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. Virtual Field Trips African Safari 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
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STRAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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EXPECTATION	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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EXPECTATION	MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
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EXPECTATION	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
EXPECTATION	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. Virtual Field Trips Galapagos Islands
ST RAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:
EXPECTATION	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. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California
EXPECTATION	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment. Virtual Field Trips African Safari 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
EXPECTATION	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. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
EXPECTATION	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century. Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 1:	Students understand the basic ideals, purposes, principles, structures, and processes of constitutional government in Maine and the United States as well as examples of other forms of government in the world by:

EXPECTATION	Civics & Government 1:(F1)	Explaining that the study of government includes the structures and functions of government and the political and civic activity of citizens. Virtual Field Trips Washington, DC - Grades 6 - 8
EXPECTATION	Civics & Government 1:(F2)	Describing the structures and processes of United States government and government of the State of Maine and how these are framed by the United States Constitution, the Maine Constitution, and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8
EXPECTATION	Civics & Government 1:(F3)	Explaining the concepts of federalism and checks and balances and the role these concepts play in the governments of the United States and Maine as framed by the United States Constitution, the Maine Constitution and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 3:	Students understand political and civic aspects of cultural diversity by:

EXPECTATION	Civics & Government 3:(D2)	Describing the political structures and civic responsibilities of the diverse historic and current cultures of the United States and the world. Virtual Field Trips Canada: Our Northern Neighbor
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 1:	Students understand the geography of the community, Maine, the United States, and various regions of the world and the geographic influences on life in the past, present, and future by:

EXPECTATION	Geography 1:(F1)	Using the geographic grid and a variety of types of maps, including digital sources, to locate and access relevant geographic information that reflects multiple perspectives. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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EXPECTATION	Geography 1:(F2)	Identifying the major regions of the Earth and their major physical features and political boundaries using a variety of geographic tools including digital tools and resources. Virtual Field Trips African Safari Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts
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EXPECTATION	Geography 1:(D2)	Describing the impact of change on the physical and cultural environment. Virtual Field Trips National Parks - Alaska & Hawaii
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 2:	Students understand geographic aspects of unity and diversity in Maine, the United States, and various world cultures, including Maine Native Americans by:

EXPECTATION	Geography 2:(F1)	Explaining how geographic features have impacted unity and diversity in Maine, the United States, and other nations. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Ancient China - Qin & Han Dynasties
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STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world.
STANDARD	History 1:	Students understand major eras, major enduring themes, and historic influences in the history of Maine, the United States, and various regions of the world by:

EXPECTATION	History 1: (F2)	Identifying major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world. <u>Virtual Field Trips</u> 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 Rome - The Eternal City Washington, DC - Grades 6 - 8
EXPECTATION	History 1: (F3)	Tracing the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world. <u>Virtual Field Trips</u> Ancient Greece Washington, DC - Grades 6 - 8
EXPECTATION	History 1: (D1)	Analyzing interpretations of historical events that are based on different perspectives and evidence from primary and secondary sources. <u>Virtual Field Trips</u> Canada: Our Northern Neighbor
EXPECTATION	History 1: (D2)	Analyzing major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world. <u>Virtual Field Trips</u> 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 Rome - The Eternal City Washington, DC - Grades 6 - 8
EXPECTATION	History 1: (D3)	Explaining the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world. <u>Virtual Field Trips</u> Ancient Greece Washington, DC - Grades 6 - 8

Main Criteria: Maine Learning Results
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

Maine Learning Results
Science
Grade: 8 - Adopted: 2019

STRAND / DOMAIN	NGSS.MS-PS.	PHYSICAL SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-PS1.	Matter and Its Interactions
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-PS1-3. 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

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS1.	From Molecules to Organisms: Structures and Processes
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-LS1-5. Construct a scientific explanation based on evidence for how environmental and genetic factors influence the growth of organisms.

Virtual Field Trips

Galapagos Islands

STRAND / DOMAIN	NGSS.MS-LS.	LIFE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-LS2.	Ecosystems: Interactions, Energy, and Dynamics
STANDARD		Students who demonstrate understanding can:

EXPECTATION MS-LS2-2. Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems.

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

EXPECTATION MS-LS2-3. 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 6-8

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

EXPECTATION	MS-LS2-4.	Construct an argument supported by empirical evidence that changes to physical or biological components of an ecosystem affect populations. 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
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EXPECTATION	MS-LS2-5.	Evaluate competing design solutions for maintaining biodiversity and ecosystem services. 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
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STRAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS2.	Earth's Systems
STANDARD		Students who demonstrate understanding can:

EXPECTATION	MS-ESS2-1.	Develop a model to describe the cycling of Earth's materials and the flow of energy that drives this process. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands
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EXPECTATION	MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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EXPECTATION	MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions. Virtual Field Trips National Parks - Alaska & Hawaii National Parks - Wyoming, Utah
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EXPECTATION	MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions. Virtual Field Trips Canada: Coast to Coast
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EXPECTATION	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.
		Virtual Field Trips Galapagos Islands

STRAND / DOMAIN	NGSS.MS-ESS.	EARTH AND SPACE SCIENCE
CATEGORY / PERFORMANCE INDICATOR	MS-ESS3.	Earth and Human Activity
STANDARD		Students who demonstrate understanding can:

EXPECTATION	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.
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California

EXPECTATION	MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.
		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

EXPECTATION	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.
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8

EXPECTATION	MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.
		Virtual Field Trips Canada: Coast to Coast National Parks - Washington, Oregon, Idaho, Montana, Colorado

Maine Learning Results
Social Studies
Grade: 8 - Adopted: 2019

STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 1:	Students understand the basic ideals, purposes, principles, structures, and processes of constitutional government in Maine and the United States as well as examples of other forms of government in the world by: 37

EXPECTATION	Civics & Government 1:(F1)	Explaining that the study of government includes the structures and functions of government and the political and civic activity of citizens. Virtual Field Trips Washington, DC - Grades 6 - 8
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EXPECTATION	Civics & Government 1:(F2)	Describing the structures and processes of United States government and government of the State of Maine and how these are framed by the United States Constitution, the Maine Constitution, and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8
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EXPECTATION	Civics & Government 1:(F3)	Explaining the concepts of federalism and checks and balances and the role these concepts play in the governments of the United States and Maine as framed by the United States Constitution, the Maine Constitution and other primary sources. Virtual Field Trips Washington, DC - Grades 6 - 8
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STRAND / DOMAIN		Civics & Government
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts from civics and government to understand political systems, power, authority, governance, civic ideals and practices, and the role of citizens in the community, Maine, the United States, and the world.
STANDARD	Civics & Government 3:	Students understand political and civic aspects of cultural diversity by:

EXPECTATION	Civics & Government 3:(D2)	Describing the political structures and civic responsibilities of the diverse historic and current cultures of the United States and the world. Virtual Field Trips Canada: Our Northern Neighbor
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 1:	Students understand the geography of the community, Maine, the United States, and various regions of the world and the geographic influences on life in the past, present, and future by:

EXPECTATION	Geography 1:(F1)	Using the geographic grid and a variety of types of maps, including digital sources, to locate and access relevant geographic information that reflects multiple perspectives. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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EXPECTATION	Geography 1:(F2)	Identifying the major regions of the Earth and their major physical features and political boundaries using a variety of geographic tools including digital tools and resources. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Barcelona Canada: Coast to Coast Canada: Our Northern Neighbor Exploring Cuba London - City of Pomp & Majesty National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts
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EXPECTATION	Geography 1:(D2)	Describing the impact of change on the physical and cultural environment. Virtual Field Trips National Parks - Alaska & Hawaii
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STRAND / DOMAIN		Geography
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes from geography to understand issues involving people, places, and environments in the community, Maine, the United States, and the world.
STANDARD	Geography 2:	Students understand geographic aspects of unity and diversity in Maine, the United States, and various world cultures, including Maine Native Americans by:

EXPECTATION	Geography 2:(F1)	Explaining how geographic features have impacted unity and diversity in Maine, the United States, and other nations. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8
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STRAND / DOMAIN		History
CATEGORY / PERFORMANCE INDICATOR		Students draw on concepts and processes using primary and secondary sources from history to develop historical perspective and understand issues of continuity and change in the community, Maine, the United States, and world.
STANDARD	History 1:	Students understand major eras, major enduring themes, and historic influences in the history of Maine, the United States, and various regions of the world by:

EXPECTATION	History 1: (F2)	Identifying major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world. Virtual Field Trips Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Rome - The Eternal City Washington, DC - Grades 6 - 8
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EXPECTATION	History 1: (F3)	Tracing the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world. <u>Virtual Field Trips</u> Ancient Greece Washington, DC - Grades 6 - 8
EXPECTATION	History 1: (D1)	Analyzing interpretations of historical events that are based on different perspectives and evidence from primary and secondary sources. <u>Virtual Field Trips</u> Canada: Our Northern Neighbor
EXPECTATION	History 1: (D2)	Analyzing major historical eras, major enduring themes, turning points, events, consequences, and people in the history of Maine, the United States and various regions of the world. <u>Virtual Field Trips</u> 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 Rome - The Eternal City Washington, DC - Grades 6 - 8
EXPECTATION	History 1: (D3)	Explaining the history of democratic ideals and constitutional principles and their importance in the history of the United States and the world. <u>Virtual Field Trips</u> Ancient Greece Washington, DC - Grades 6 - 8