

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: K
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: K - Adopted: 2018

STRAND / TOPIC		Kindergarten – Using my senses to understand my world
STANDARD / STRAND		Matter
INDICATOR / STANDARD	K.4.	The student will investigate and understand that water is important in our daily lives and has properties. Key ideas include:

INDICATOR K.4.b. water can be found in many places;

Virtual Field Trips

Grade 1 - The Earth Around Us

INDICATOR K.4.d. water flows downhill.

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / TOPIC		Kindergarten – Using my senses to understand my world
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	K.9.	The student will investigate and understand that there are patterns in nature. Key patterns include:

INDICATOR K.9.a. daily weather;

Virtual Field Trips

Grade 1 - The Earth Around Us

INDICATOR K.9.b. seasonal changes;

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / TOPIC		Kindergarten – Using my senses to understand my world
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	K.11.	The student will investigate and understand that humans use resources. Key ideas include:

INDICATOR K.11.a. some materials and objects can be used over and over again;

Virtual Field Trips

Grade 1 - The Earth Around Us

INDICATOR	K.11.b.	materials can be recycled; Virtual Field Trips Grade 1 - The Earth Around Us
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INDICATOR	K.11.c.	choices we make impact the air, water, land and living things. Virtual Field Trips Grade 1 - The Earth Around Us
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Virginia Standards of Learning
Social Studies
Grade: K - Adopted: 2023

STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.K.	The student will apply history and social science skills to the content by

INDICATOR	Skills.K.b.	applying geographic skills to identify and understand geographic features; Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us
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INDICATOR	Skills.K.c.	demonstrating curiosity and critical thinking through questioning; Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us
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INDICATOR	Skills.K.d.	sequencing and organizing information; Virtual Field Trips Grade 1 - The Earth Around Us
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INDICATOR	Skills.K.f.	recognizing cause-and-effect relationships; Virtual Field Trips Grade 1 - The Earth Around Us
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INDICATOR	Skills.K.h.	practicing civility, respect, hard work, and responsible citizenship skills; and Virtual Field Trips Grade 1 - Let's Learn About the Government
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STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		Civics
INDICATOR / STANDARD	K.2.	The student will apply history and social science skills to explain how communities honor state and national traditions and recognize designated Virginia holidays, including but not limited to

INDICATOR	K.2.c.	Election Day; Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government
INDICATOR	K.2.e.	Thanksgiving Day; Virtual Field Trips Grade 1 - Life Long Ago
INDICATOR	K.2.g.	New Year's Day; Virtual Field Trips Grade 1 - Families and Neighbors
INDICATOR	K.2.i.	George Washington Day (commonly known as Presidents' Day); Virtual Field Trips Grade 1 - Life Long Ago
INDICATOR	K.2.k.	Juneteenth; and Virtual Field Trips Grade 1 - Families and Neighbors
INDICATOR	K.2.l.	Independence Day. Virtual Field Trips Grade 1 - Let's Learn About the Government
STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		Civics
INDICATOR / STANDARD	K.3.	The student will apply history and social science skills to define patriotism and explain how communities express patriotism by
INDICATOR	K.3.a.	identifying the American and Virginia flags; Virtual Field Trips Grade 1 - Let's Learn About the Government
INDICATOR	K.3.b.	identifying national and state symbols, including, but not limited to the bald eagle, the dogwood, and the cardinal; Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Washington, DC - Grades K - 5
INDICATOR	K.3.d.	identifying the current president and explaining that the president is the leader of the United States and is elected by voters. Virtual Field Trips Grade 1 - Let's Learn About the Government

STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		History
INDICATOR / STANDARD	K.4.	The student will apply history and social science skills to recognize Virginia's earliest communities by

INDICATOR K.4.d. identifying people who helped establish and lead the local community over time.

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		History
INDICATOR / STANDARD	K.5.	The student will apply history and social science skills to understand and explain what makes communities unique by

INDICATOR K.5.b. identifying historic events; and

Virtual Field Trips

Grade 1 - The Earth Around Us

INDICATOR K.5.c. telling the stories of the people that developed their local communities.

Virtual Field Trips

Grade 1 - The Earth Around Us

STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		Geography
INDICATOR / STANDARD	K.7.	The student will apply history and social science skills to demonstrate an understanding of maps and globes by

INDICATOR K.7.c. identifying land and bodies of water in the local community; and

Virtual Field Trips

Grade 1 - Families and Neighbors

Grade 1 - The Earth Around Us

STRAND / TOPIC		Kindergarten: Community
STANDARD / STRAND		Economics
INDICATOR / STANDARD	K.8.	The student will apply history and social science skills to demonstrate an understanding of primary economic principles by

INDICATOR K.8.a. describing ways people work to earn and save money to buy the things they need and want; and

Virtual Field Trips

Grade 1 - All About Work

INDICATOR	K.8.b.	srecognizing that Americans are free to make choices about what to buy and that they must make choices because they cannot have everything they want.
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Virtual	Field	Trips
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Grade 1 - All About Work

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 1
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 1 - Adopted: 2018

STRAND / TOPIC		Grade One – How I interact with my world
STANDARD / STRAND		Matter
INDICATOR / STANDARD	1.3.	The student will investigate and understand that objects are made from materials that can be described by their physical properties. Key ideas include:

INDICATOR 1.3.a. objects are made of one or more materials with different physical properties and can be used for a variety of purposes;

Virtual Field Trips

Grade 2 - Land and Water Around Us

STRAND / TOPIC		Grade One – How I interact with my world
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	1.4.	The student will investigate and understand that plants have basic life needs and functional parts that allow them to survive. Key ideas include:

INDICATOR 1.4.a. plants need nutrients, air, water, light, and a place to grow;

Virtual Field Trips

Grade 2 - Land and Water Around Us

STRAND / TOPIC		Grade One – How I interact with my world
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	1.5.	The student will investigate and understand that animals, including humans, have basic life needs that allow them to survive. Key ideas include:

INDICATOR 1.5.a. animals need air, food, water, shelter, and space (habitat);

Virtual Field Trips

Grade 2 - Land and Water Around Us

STRAND / TOPIC		Grade One – How I interact with my world
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	1.7.	The student will investigate and understand that there are weather and seasonal changes. Key ideas include:

INDICATOR	1.7.a.	changes in temperature, light, and precipitation occur over time; Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us
INDICATOR	1.7.b.	there are relationships between daily weather and the season; Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us
INDICATOR	1.7.c.	changes in temperature, light, and precipitation affect plants and animals, including humans. Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us

STRAND / TOPIC		Grade One – How I interact with my world
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	1.8.	The student will investigate and understand that natural resources can be used responsibly. Key ideas include:

INDICATOR	1.8.a.	most natural resources are limited; Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us
INDICATOR	1.8.b.	human actions can affect the availability of natural resources; Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us
INDICATOR	1.8.c.	reducing, reusing, and recycling are ways to conserve natural resources. Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us

Virginia Standards of Learning
Social Studies
Grade: 1 - Adopted: 2023

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.1.	The student will apply history and social science skills to the content by

INDICATOR	Skills.1.h.	practicing civility, respect, hard work, and responsible citizenship skills; and
		Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Civics
INDICATOR / STANDARD	1.1.	The student will apply history and social science skills to practice citizenship in the classroom by

INDICATOR	1.1.e.	contributing one's time and talents to help others in their homes, schools, and communities through jobs;
		Virtual Field Trips Grade 1 - All About Work Grade 2 - Work and Money

INDICATOR	1.1.g.	understanding that local and state government representatives are elected by citizens who vote.
		Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Civics
INDICATOR / STANDARD	1.2.	The student will apply history and social science skills to explain how communities honor local and national traditions and recognize designated Virginia holidays, including, but not limited to

INDICATOR	1.2.c.	Election Day;
		Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work

INDICATOR	1.2.e.	Thanksgiving Day;
		Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans

INDICATOR	1.2.g.	New Year's Day;
		Virtual Field Trips Grade 1 - Families and Neighbors

INDICATOR	1.2.h.	Martin Luther King, Jr. Day;
		Virtual Field Trips Grade 2 - Our Government At Work

INDICATOR	1.2.i.	George Washington Day (commonly known as Presidents' Day); Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans
INDICATOR	1.2.k.	Juneteenth; and Virtual Field Trips Grade 1 - Families and Neighbors
INDICATOR	1.2.l.	Independence Day. Virtual Field Trips Grade 1 - Let's Learn About the Government

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Civics
INDICATOR / STANDARD	1.3.	The student will apply history and social science skills to describe the symbols and traditions that honor and foster patriotism in the United States by

INDICATOR	1.3.a.	learning the Pledge of Allegiance and the National Anthem and the ways people express respect for the American flag; Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
INDICATOR	1.3.b.	explaining the symbolism of the colors, stars, and stripes of the American flag; Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
INDICATOR	1.3.d.	explaining why people use symbols and have traditions. Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Living Together Grade 2 - Our Government At Work Washington, DC - Grades K - 5

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		History
INDICATOR / STANDARD	1.5.	The student will apply history and social science skills to describe contributions of Virginia's diverse people and the stories of changemakers in the history of Virginia and their contributions to our Commonwealth, including, but not limited to

INDICATOR	1.5.c.	Presidents: George Washington, Thomas Jefferson, James Madison, and James Monroe; and Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans
STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Geography
INDICATOR / STANDARD	1.6.	The student will apply history and social science skills to develop geographic skills by

INDICATOR 1.6.c. locating Virginia, the United States, continents, and oceans on maps and globes; and

Virtual Field Trips
Grade 2 - Land and Water Around Us

STRAND / TOPIC		Grade One: Commonwealth of Virginia
STANDARD / STRAND		Economics
INDICATOR / STANDARD	1.8.	The student will apply history and social science skills to explain how individuals make economic choices to meet their basic needs by

INDICATOR 1.8.a. identifying the difference between goods and services;

Virtual Field Trips
Grade 1 - All About Work
Grade 2 - Work and Money

INDICATOR 1.8.b. describing how people can be both consumers and producers;

Virtual Field Trips
Grade 2 - Work and Money

INDICATOR 1.8.c. describing ways people work to earn and save money to purchase goods and services;

Virtual Field Trips
Grade 1 - All About Work
Grade 2 - Work and Money

INDICATOR 1.8.e. describing why people must make choices, prioritizing needs over wants.

Virtual Field Trips
Grade 1 - All About Work
Grade 2 - Work and Money

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 2
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 2 - Adopted: 2018

STRAND / TOPIC		Grade Two – Change occurs all around us
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	2.4.	The student will investigate and understand that plants and animals undergo a series of orderly changes as they grow and develop. Key ideas include:

INDICATOR 2.4.a. animals have life cycles;

Virtual Field Trips

How Coral Reefs Are Formed

STRAND / TOPIC		Grade Two – Change occurs all around us
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	2.5.	The student will investigate and understand that living things are part of a system. Key ideas include:

INDICATOR 2.5.a. plants and animals are interdependent with their living and nonliving surroundings;

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Who Lives On a Coral Reef?

INDICATOR 2.5.b. an animal's habitat provides all of its basic needs;

Virtual Field Trips

Amazon Rainforest - Grades 2-5

The Sahara Desert

INDICATOR 2.5.c. habitats change over time due to many influences.

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Grade 2 - Land and Water Around Us

Grade 3 - Geography of Our Communities

How Coral Reefs Are Formed

Who Lives On a Coral Reef?

STRAND / TOPIC		Grade Two – Change occurs all around us
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	2.6.	The student will investigate and understand that there are different types of weather on Earth. Key ideas include:

INDICATOR	2.6.a.	different types of weather have specific characteristics; Virtual Field Trips Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us The Sahara Desert
STAND / TOPIC		Grade Two – Change occurs all around us
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	2.7.	The student will investigate and understand that weather patterns and seasonal changes affect plants, animals, and their surroundings. Key ideas include:

INDICATOR 2.7.a. weather and seasonal changes affect the growth and behavior of living things;

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

INDICATOR 2.7.b. wind and weather can change the land;

Virtual Field Trips
Grade 3 - Geography of Our Communities

INDICATOR 2.7.c. changes can happen quickly or slowly over time.

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

STAND / TOPIC		Grade Two – Change occurs all around us
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	2.8.	The student will investigate and understand that plants are important natural resources. Key ideas include:

INDICATOR 2.8.a. the availability of plant products affects the development of a geographic area;

Virtual Field Trips
Amazon Rainforest - People and Threats - Grades 2-5
Grade 1 - Life Long Ago
Grade 3 - Geography of Our Communities
The Sahara Desert

INDICATOR 2.8.b. plants provide oxygen, homes, and food for many animals;

Virtual Field Trips
Amazon Rainforest - People and Threats - Grades 2-5

Virginia Standards of Learning
Social Studies
Grade: 2 - Adopted: 2023

STAND / TOPIC		Grade Two: United States of America
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STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.2.	The student will apply history and social science skills to the content by

INDICATOR Skills.2.b. applying geographic skills to identify and understand geographic features and connections;

Virtual Field Trips

Grade 2 - Land and Water Around Us

Grade 3 - Geography of Our Communities

Washington, DC - Grades K - 5

INDICATOR Skills.2.c. demonstrating curiosity and critical thinking through questioning and drawing conclusions;

Virtual Field Trips

Grade 2 - Early Americans

Grade 3 - How The Country Was Settled

Grade 3 - The First Americans

Washington, DC - Grades K - 5

INDICATOR Skills.2.e. identifying similarities and differences to clarify and explain content;

Virtual Field Trips

Grade 2 - Early Americans

Grade 3 - How The Country Was Settled

Grade 3 - The First Americans

Washington, DC - Grades K - 5

INDICATOR Skills.2.f. recognizing cause-and-effect relationships;

Virtual Field Trips

Grade 2 - Early Americans

Grade 3 - How The Country Was Settled

Grade 3 - The First Americans

Washington, DC - Grades K - 5

INDICATOR Skills.2.g. using economic decision-making models to make informed economic decisions;

Virtual Field Trips

Grade 1 - All About Work

Grade 2 - Work and Money

Grade 3 - I Am a Consumer

INDICATOR Skills.2.h. practicing civility, respect, hard work, honesty, trustworthiness, and responsible citizenship skills; and

Virtual Field Trips

Grade 1 - Let's Learn About the Government

Grade 2 - Our Government At Work

Grade 3 - How Government Helps Our Communities

STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Civics
INDICATOR / STANDARD	2.1.	The student will apply history and social science skills to distinguish between the rights and responsibilities that individuals have in the United States, including, but not limited to

INDICATOR	2.1.d.	voting for local, state, and national representatives; Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
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INDICATOR	2.1.g.	respecting the rights, beliefs, and opinions of others. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities
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STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Civics
INDICATOR / STANDARD	2.2.	The student will apply history and social science skills to distinguish between the rights and responsibilities that individuals have in the United States, including, but not limited to

INDICATOR	2.2.a.	identifying the benefits of being an American citizen; and Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities
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INDICATOR	2.2.b.	identifying the responsibilities of being an American citizen. Virtual Field Trips Grade 3 - How Government Helps Our Communities
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STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Civics
INDICATOR / STANDARD	2.3.	The student will apply history and social science skills to explain how communities honor local and national traditions and recognize designated Virginia holidays, including, but not limited to

INDICATOR	2.3.c.	Election Day; Virtual Field Trips Grade 1 - Families and Neighbors Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Grade 3 - A Country of Cultures
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INDICATOR	2.3.e.	Thanksgiving Day; Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans
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INDICATOR	2.3.g.	New Year's Day; Virtual Field Trips Grade 1 - Families and Neighbors Grade 3 - A Country of Cultures
INDICATOR	2.3.h.	Martin Luther King, Jr. Day; Virtual Field Trips Grade 2 - Our Government At Work
INDICATOR	2.3.i.	George Washington Day (commonly known as Presidents' Day); Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans
INDICATOR	2.3.k.	Juneteenth; and Virtual Field Trips Grade 1 - Families and Neighbors Grade 3 - A Country of Cultures
INDICATOR	2.3.l.	Independence Day. Virtual Field Trips Grade 1 - Let's Learn About the Government

STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Civics
INDICATOR / STANDARD	2.4.	The student will apply history and social science skills to recognize state and national symbols, including, but not limited to

INDICATOR	2.4.b.	explaining the meaning behind symbols, including, but not limited to the American flag, bald eagle, Washington Monument, Liberty Bell, and Statue of Liberty; and Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 1 - Life Long Ago Grade 2 - Early Americans Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
INDICATOR	2.4.c.	learning about the meaning of the American flag and the words chosen in the Pledge of Allegiance and the National Anthem. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities

STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		History

INDICATOR / STANDARD	2.6.	The student will use history and social science skills to identify the geographic location, use of resources, and contributions of European explorers, and their influence on the development of North America, including, but not limited to the English, French, and Spanish. Virtual Field Trips Grade 1 - Life Long Ago Grade 3 - The First Americans
STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		History
INDICATOR / STANDARD	2.7.	The student will apply history and social science skills to describe the revolutionaries who fought for America's freedom (1764–1781), including, but not limited to
INDICATOR	2.7.g.	Paul Revere; and Virtual Field Trips Grade 2 - Early Americans
INDICATOR	2.7.h.	George Washington ("Father of our Country"). Virtual Field Trips Grade 2 - Early Americans
STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		History
INDICATOR / STANDARD	2.8.	The student will apply history and social science skills to understand the principles of American democracy and relate them to the founding of the nation by
INDICATOR	2.8.a.	identifying reasons for the settlement of the thirteen colonies; Virtual Field Trips Grade 3 - The First Americans
INDICATOR	2.8.b.	explaining the relationships between the colonies and Great Britain; and Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Early Americans Grade 3 - The First Americans
INDICATOR	2.8.c.	identifying key components of the Declaration of Independence. Virtual Field Trips Grade 1 - Let's Learn About the Government Grade 2 - Early Americans Grade 3 - The First Americans
STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		History
INDICATOR / STANDARD	2.9.	The student will apply history and social science skills to understand key events in United States history including, but not limited to

INDICATOR	2.9.a.	recognizing the reasons for moving the nation's capital from Philadelphia to Washington, D.C., and the importance of the nation's capital; and Virtual Field Trips Washington, DC - Grades K - 5
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INDICATOR	2.9.b.	describing the impact of the Louisiana Purchase on the westward expansion of the United States. Virtual Field Trips Grade 3 - How The Country Was Settled
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STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		History
INDICATOR / STANDARD	2.10.	The student will describe the contributions and roles of changemakers in United States history, including, but not limited to

INDICATOR	2.10.a.	Scholars and Inventors: Benjamin Franklin, Benjamin Banneker, Thomas Jefferson, George Washington Carver, Booker T. Washington, Orville and Wilbur Wright, Steve Jobs, Jonas Salk, Thomas Edison, Alexander Graham Bell, and Mary Jackson; Virtual Field Trips Grade 3 - How The Country Was Settled
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INDICATOR	2.10.c.	Reformers and Champions: Abraham Lincoln, Theodore "Teddy" Roosevelt, Helen Keller, Thurgood Marshall, Rosa Parks, Jackie Robinson, Cesar Chavez, Dr. Martin Luther King, Jr., Sen. Daniel Inouye, John F. Kennedy, and Barack Obama. Virtual Field Trips Grade 1 - Life Long Ago Grade 2 - Early Americans Grade 2 - Our Government At Work
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STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Geography
INDICATOR / STANDARD	2.11.	The student will apply history and social science skills to develop geographic mapping skills using world maps and globes by

INDICATOR	2.11.a.	locating the countries of North America and the bordering oceans; Virtual Field Trips Grade 2 - Land and Water Around Us
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INDICATOR	2.11.b.	identifying major rivers, mountain ranges, lakes, and other physical features in the United States. Virtual Field Trips Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities Washington, DC - Grades K - 5
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STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Geography

INDICATOR / STANDARD	2.12.	The student will apply history and social science skills to connect geography to landmarks and historic events, including, but not limited to
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INDICATOR 2.12.a. Jefferson Memorial and Lincoln Memorial;

Virtual Field Trips

Grade 1 - Life Long Ago

Grade 2 - Early Americans

Grade 2 - Our Government At Work

Grade 3 - How Government Helps Our Communities

Grade 3 - How The Country Was Settled

Washington, DC - Grades K - 5

INDICATOR 2.12.b. Valley Forge and George Washington's crossing of the Delaware River; and

Virtual Field Trips

Grade 2 - Early Americans

STRAND / TOPIC		Grade Two: United States of America
STANDARD / STRAND		Economics
INDICATOR / STANDARD	2.13.	The student will apply history and social science skills to understand basic economic principles by

INDICATOR 2.13.b. distinguishing between needs and wants;

Virtual Field Trips

Grade 1 - All About Work

Grade 2 - Work and Money

Grade 3 - I Am a Consumer

INDICATOR 2.13.c. distinguishing between the use of barter and the use of money in the exchange for goods and services and describing how money makes trading easier than barter; and

Virtual Field Trips

Grade 1 - All About Work

Grade 2 - Work and Money

INDICATOR 2.13.d. explaining that scarcity (limited resources) requires people to make choices about producing and consuming goods and services.

Virtual Field Trips

Grade 2 - Work and Money

Grade 3 - Businesses At Work

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 3
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 3 - Adopted: 2018

STRAND / TOPIC		Grade Three – Interactions in our world
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	3.4.	The student will investigate and understand that adaptations allow organisms to satisfy life needs and respond to the environment. Key ideas include:

INDICATOR 3.4.b. adaptations may be behavioral or physical;

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?

INDICATOR 3.4.c. fossils provide evidence about the types of organisms that lived long ago as well as the nature of their environments.

Virtual Field Trips

Grade 4 - Southwest Region Today

STRAND / TOPIC		Grade Three – Interactions in our world
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	3.5.	The student will investigate and understand that aquatic and terrestrial ecosystems support a diversity of organisms. Key ideas include:

INDICATOR 3.5.a. ecosystems are made of living and nonliving components of the environment;

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Galapagos Islands

Grade 3 - Geography of Our Communities

How Coral Reefs Are Formed

Who Lives On a Coral Reef?

INDICATOR	3.5.b.	relationships exist among organisms in an ecosystem.
		Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Galapagos Islands Grade 4 - Southwest Region Early Beginnings How Coral Reefs Are Formed The Sahara Desert Who Lives On a Coral Reef?

STRAND / TOPIC		Grade Three – Interactions in our world
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	3.7.	The student will investigate and understand that there is a water cycle and water is important to life on Earth. Key ideas include:

INDICATOR 3.7.a. there are many reservoirs of water on Earth;

Virtual Field Trips
 Amazon Rainforest - Grades 2-5
 Galapagos Islands
 Grade 2 - Land and Water Around Us
 Grade 3 - Geography of Our Communities
 Grade 4 - Midwest Region Early Beginnings
 Grade 4 - Northeast
 Grade 4 - West Region Landforms

STRAND / TOPIC		Grade Three – Interactions in our world
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	3.8.	The student will investigate and understand that natural events and humans influence ecosystems. Key ideas include:

INDICATOR 3.8.a. human activity affects the quality of air, water, and habitats;

Virtual Field Trips
 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?

INDICATOR 3.8.b. water is limited and needs to be conserved;

Virtual Field Trips
 Grade 3 - Geography of Our Communities

INDICATOR 3.8.c. fire, flood, disease, and erosion affect ecosystems;

Virtual Field Trips
 Amazon Rainforest - People and Threats - Grades 2-5
 Grade 3 - Geography of Our Communities
 Grade 4 - Midwest Region Today
 Grade 4 - Southwest Region Early Beginnings

INDICATOR 3.8.d. soil is a natural resource and should be conserved.

Virtual Field Trips

Grade 3 - Geography of Our Communities

Virginia Standards of Learning

Social Studies

Grade: 3 - Adopted: 2023

STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.3.	The student will apply history and social science skills to the content by

INDICATOR Skills.3.b. applying geographic skills to identify and understand geographic features and connections;

Virtual Field Trips

Grade 2 - Land and Water Around Us

Grade 4 - Northeast

The Sahara Desert

INDICATOR Skills.3.c. developing questions, demonstrating curiosity, and engaging in critical thinking and analysis;

Virtual Field Trips

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

INDICATOR Skills.3.f. identifying cause-and-effect relationships to clarify and explain content;

Virtual Field Trips

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

INDICATOR Skills.3.h. practicing civility, respect, hard work, honesty, trustworthiness, and responsible citizenship skills; and

Virtual Field Trips

Grade 2 - Our Government At Work

Grade 3 - How Government Helps Our Communities

INDICATOR Skills.3.i. using content vocabulary to demonstrate learning through oral and written products.

Virtual Field Trips

Grade 4 - Northeast

The Sahara Desert

STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		Civics
INDICATOR / STANDARD	3.1.	The student will apply history and social science skills to define citizenship and explain the rights and responsibilities of United States citizenship by

INDICATOR	3.1.a.	recognizing that Americans are people of diverse ethnic origins, customs, and traditions that are united by the basic principles of a republican form of government and respect for individual rights and freedoms; Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - A Country of Cultures Grade 3 - How Government Helps Our Communities
INDICATOR	3.1.b.	describing the rights guaranteed to citizens in the First Amendment; Virtual Field Trips Grade 2 - Our Government At Work
INDICATOR	3.1.c.	understanding the importance of supporting and defending the U.S. Constitution and the Bill of Rights; Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans
INDICATOR	3.1.g.	serving on a jury; Virtual Field Trips Grade 3 - How Government Helps Our Communities

STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		Geography
INDICATOR / STANDARD	3.2.	The student will apply history and social science skills to locate and describe major geographic features of Africa, Antarctica, Asia, Australia, Europe, North America, and South America by

INDICATOR	3.2.a.	locating and describing the seven continents and the five oceans; and Virtual Field Trips Grade 2 - Land and Water Around Us Grade 3 - Geography of Our Communities
INDICATOR	3.2.b.	locating and describing the equator, the Prime Meridian, and the four hemispheres. Virtual Field Trips Grade 4 - West Region Geography

STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		History
INDICATOR / STANDARD	3.7.	The student will apply history and social science skills to describe the geographic, political, economic, and social structures and innovations of ancient Rome by

INDICATOR	3.7.a.	locating ancient Rome on a map of the world; <u>Virtual Field Trips</u> Rome - The Eternal City
INDICATOR	3.7.b.	connecting the geography of ancient Rome and its economy; <u>Virtual Field Trips</u> Rome - The Eternal City
INDICATOR	3.7.d.	describing the arts and innovations; and <u>Virtual Field Trips</u> Rome - The Eternal City
INDICATOR	3.7.e.	identifying and explaining the architecture and its influence in the world today. <u>Virtual Field Trips</u> Rome - The Eternal City

STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		History
INDICATOR / STANDARD	3.9.	The student will apply history and social science skills to explain the basic structure of the United States government by

INDICATOR	3.9.a.	explaining the purpose of governments and understanding that other countries have governments similar to and different from the United States; <u>Virtual Field Trips</u> Grade 2 - Our Government At Work
INDICATOR	3.9.b.	explaining how the Constitution supports the structure of the United States government; <u>Virtual Field Trips</u> Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Washington, DC - Grades K - 5
INDICATOR	3.9.c.	identifying and describing the three branches of government; <u>Virtual Field Trips</u> Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
INDICATOR	3.9.d.	explaining what governments do at the national, state, and local level; and <u>Virtual Field Trips</u> Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5

INDICATOR	3.9.e.	explaining how local, state, and national governments are organized.
		Virtual Field Trips Grade 2 - Our Government At Work Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
STRAND / TOPIC		Grade Three: The World
STANDARD / STRAND		Economics
INDICATOR / STANDARD	3.10.	The student will apply history and social science skills to explain the basic economic principles by
INDICATOR	3.10.a.	defining production, distribution, and consumption of goods and services;
		Virtual Field Trips Grade 2 - Work and Money Grade 3 - Businesses At Work Grade 3 - I Am a Consumer
INDICATOR	3.10.b.	understanding different cultures and the natural, human, and capital resources they use in the production of goods and services;
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Grade 2 - Land and Water Around Us 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
INDICATOR	3.10.d.	identifying examples of making an economic choice and explaining the idea of opportunity cost.
		Virtual Field Trips Grade 3 - I Am a Consumer

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 4
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 4 - Adopted: 2018

STRAND / TOPIC		Grade Four – Our place in the solar system
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	4.2.	The student will investigate and understand that plants and animals have structures that distinguish them from one another and play vital roles in their ability to survive. Key ideas include:

INDICATOR 4.2.c. plants and animals have different structures and processes for creating offspring.

Virtual Field Trips

How Coral Reefs Are Formed

STRAND / TOPIC		Grade Four – Our place in the solar system
STANDARD / STRAND		Living Systems and Processes
INDICATOR / STANDARD	4.3.	The student will investigate and understand that organisms, including humans, interact with one another and with the nonliving components in the ecosystem. Key ideas include:

INDICATOR 4.3.a. interrelationships exist in populations, communities, and ecosystems;

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Galapagos Islands

Grade 3 - Geography of Our Communities

Grade 4 - Southwest Region Early Beginnings

How Coral Reefs Are Formed

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

The Sahara Desert

Who Lives On a Coral Reef?

INDICATOR 4.3.b. food webs show the flow of energy within an ecosystem;

Virtual Field Trips

Galapagos Islands

Who Lives On a Coral Reef?

INDICATOR	4.3.c.	changes in an organism's niche and habitat may occur at various stages in its life cycle;
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Canada: Coast to Coast Galapagos Islands How Coral Reefs Are Formed National Parks - Washington, Oregon, Idaho, Montana, Colorado Who Lives On a Coral Reef?

INDICATOR	4.3.d.	classification can be used to identify organisms.
		Virtual Field Trips African Safari Galapagos Islands How Coral Reefs Are Formed Who Lives On a Coral Reef?

STRAND / TOPIC		Grade Four – Our place in the solar system
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	4.4.	The student will investigate and understand that weather conditions and phenomena affect ecosystems and can be predicted. Key ideas include:

INDICATOR	4.4.b.	common and extreme weather events affect ecosystems;
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings

INDICATOR	4.4.c.	long term seasonal weather trends determine the climate of a region.
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography National Parks - Nevada, California The Sahara Desert

STRAND / TOPIC		Grade Four – Our place in the solar system
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	4.7.	The student will investigate and understand that the ocean environment has characteristics. Key characteristics include:

INDICATOR	4.7.b.	physical properties and movement of ocean water;
		Virtual Field Trips Galapagos Islands

INDICATOR	4.7.c.	interaction of organisms in the ocean. Virtual Field Trips Galapagos Islands How Coral Reefs Are Formed National Parks - Alaska & Hawaii Who Lives On a Coral Reef?
STRAND / TOPIC		Grade Four – Our place in the solar system
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	4.8.	The student will investigate and understand that Virginia has important natural resources. Key resources include:
INDICATOR	4.8.a.	watersheds and water; Virtual Field Trips Grade 3 - Geography of Our Communities National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR	4.8.b.	plants and animals; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Canada: Coast to Coast Canada: Our Northern Neighbor Galapagos Islands Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Today National Parks - Nevada, California The Sahara Desert
INDICATOR	4.8.c.	minerals, rocks, and ores; Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Today National Parks - Alaska & Hawaii The Sahara Desert

INDICATOR	4.8.d.	forests, soil, and land.
		Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Canada: Coast to Coast Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - West Region Today National Parks - Nevada, California The Sahara Desert

Virginia Standards of Learning
Social Studies
Grade: 4 - Adopted: 2023

STRAND / TOPIC		Grade 4: Virginia Studies
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.V S.	The student will apply history and social science skills to the content by

INDICATOR Skills.VS.f identifying cause-and-effect relationships to clarify and explain content;

Virtual Field Trips
Grade 3 - The First Americans

INDICATOR Skills.VS. h. practicing civility, respect, hard work, honesty, trustworthiness, and responsible citizenship skills; and

Virtual Field Trips
Grade 3 - How Government Helps Our Communities

STRAND / TOPIC		Grade 4: Virginia Studies
STANDARD / STRAND		1607 through the American Revolution
INDICATOR / STANDARD	VS.3.	The student will apply history and social science skills to explain the causes and effects of events associated with the first permanent English settlement in North America by

INDICATOR VS.3.a. explaining the reasons for English colonization;

Virtual Field Trips
Grade 3 - The First Americans

INDICATOR VS.3.b. describing the economic and geographic influences on the decision to settle at Jamestown;

Virtual Field Trips
Grade 3 - The First Americans

INDICATOR VS.3.c. describing the importance of the Virginia Company of London Charter (April 10, 1606) in establishing the Jamestown colony;

Virtual Field Trips
Grade 3 - The First Americans

INDICATOR	VS.3.d.	describing the interactions between the English colonists and the Indigenous Peoples, including the role of the Powhatan in the survival of the colonists; <u>Virtual Field Trips</u> Grade 3 - The First Americans
INDICATOR	VS.3.e.	describing the hardships faced by settlers at Jamestown and the changes that took place to ensure survival, including, but not limited to trade with the Powhatan, the leadership of Captain John Smith, land ownership, and the successful commercial cultivation of tobacco; <u>Virtual Field Trips</u> Grade 3 - The First Americans
INDICATOR	VS.3.f.	analyzing the impact of the arrival of Africans and women to the Jamestown settlement; and <u>Virtual Field Trips</u> Grade 3 - The First Americans
INDICATOR	VS.3.g.	identifying the significance of establishing the General Assembly (1619), the first representative legislative body in English America. <u>Virtual Field Trips</u> Grade 3 - The First Americans

STRAND / TOPIC		Grade 4: Virginia Studies
STANDARD / STRAND		1607 through the American Revolution
INDICATOR / STANDARD	VS.5.	The student will apply history and social science skills to explain Virginia and Virginians' role during the American Revolution by

INDICATOR	VS.5.a.	explaining the principles and events that convinced the colonists to declare independence and go to war with Great Britain, as expressed in the Declaration of Independence; <u>Virtual Field Trips</u> Grade 3 - The First Americans Grade 4 - Northeast
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STRAND / TOPIC		Grade 4: Virginia Studies
STANDARD / STRAND		Political Growth and Western Expansion: 1775 to the Mid-1800s
INDICATOR / STANDARD	VS.6.	The student will apply history and social science skills to explain the establishment and growth of the new American nation with emphasis on the role of Virginians and events in Virginia during the 18th and 19th centuries by

INDICATOR	VS.6.c.	describing how principles of these founding Virginia documents inspired the Declaration of Independence, the Virginia Constitution, the Constitution of the United States, and the Bill of Rights; <u>Virtual Field Trips</u> Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Grade 4 - Northeast
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STRAND / TOPIC		Grade 4: Virginia Studies
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STANDARD / STRAND		Civil War and Postwar Eras
INDICATOR / STANDARD	VS.7.	The students will apply history and social science skills to understand the key people, events, and issues of the Civil War and Virginia's role by

INDICATOR	VS.7.b.	describing how the institution of slavery was the cause of the Civil War, and secondary factors that contributed to the secession of the southern states;
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Virtual Field Trips

Grade 4 - Southeast Region of the U.S.

INDICATOR	VS.7.d.	explaining major events and issues that divided Virginians and led to secession, war, and the creation of West Virginia;
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Virtual Field Trips

Grade 4 - Southeast Region of the U.S.

STRAND / TOPIC		Grade 4: Virginia Studies
STANDARD / STRAND		Virginia: 1900 to Present

INDICATOR / STANDARD	VS.12.	The student will use history and social science skills to recognize why Virginia is known as the "Mother of Presidents".
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Virtual Field Trips

Grade 3 - How The Country Was Settled

Grade 4 - Midwest Region Early Beginnings

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 5
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 5 - Adopted: 2018

STRAND / TOPIC		Grade Five – Transforming matter and energy
STANDARD / STRAND		Earth and Space Systems
INDICATOR / STANDARD	5.8.	The student will investigate and understand that Earth constantly changes. Key ideas include:

INDICATOR 5.8.b. plate tectonics describe movement of the crust;

Virtual Field Trips

Galapagos Islands

INDICATOR 5.8.d. processes such as weathering, erosion, and deposition change the surface of the Earth;

Virtual Field Trips

Galapagos Islands

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 / TOPIC		Grade Five – Transforming matter and energy
STANDARD / STRAND		Earth Resources
INDICATOR / STANDARD	5.9.	The student will investigate and understand that the conservation of energy resources is important. Key ideas include:

INDICATOR 5.9.a. some sources of energy are considered renewable and others are not;

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Grade 4 - Southwest Region Today

INDICATOR 5.9.b. individuals and communities have means of conserving both energy and matter;

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Amazon Rainforest - People and Threats - Grades 6-8

Galapagos Islands

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

Who Lives On a Coral Reef?

INDICATOR 5.9.c. advances in technology improve the ability to transfer and transform energy.

Virtual Field Trips
 Canada: Coast to Coast
 Canada: Our Northern Neighbor
 Grade 4 - Northeast
 Grade 4 - Southwest Region Today
 Grade 4 - West Region Geography
 Grade 4 - West Region Today
 The Sahara Desert

Virginia Standards of Learning
Social Studies
 Grade: 5 - Adopted: 2023

STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.USI.	The student will apply history and social science skills to the content by

INDICATOR Skills.USI. g. using economic decision-making models to make a decision and explain the incentives and consequences of a specific choice;

Virtual Field Trips
 Grade 4 - Northeast
 Grade 4 - Southeast Region of the U.S.

STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Early Cultures of North America
INDICATOR / STANDARD	USI.2.	The student will apply history and social science skills to describe how early cultures developed throughout North America by

INDICATOR USI.2.b. locating and explaining where Indigenous peoples lived prior to the arrival of Europeans, with an emphasis on how the various geographic regions they inhabited influenced their daily lives.

Virtual Field Trips
 Grade 4 - West Region Early Beginnings

STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Early Cultures of North America
INDICATOR / STANDARD	USI.3.	The student will apply history and social science skills to explain European exploration and colonization in North America by

INDICATOR USI.3.a. describing the motivations for, obstacles to, and accomplishments of the Dutch, English, French, Portuguese, and Spanish explorations; and

Virtual Field Trips
 Canada: Our Northern Neighbor
 Grade 4 - West Region Early Beginnings

INDICATOR	USI.3.b.	describing cultural and economic interactions between Indigenous peoples and Europeans that led to cooperation and conflict.
		Virtual Field Trips Grade 4 - Southwest Region Early Beginnings
STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Early Cultures of North America
INDICATOR / STANDARD	USI.4.	The student will apply history and social science skills to understand how the Western Hemisphere, including the United States, impacted West Africa by
INDICATOR	USI.4.d.	identifying the cultural connections, conflicts, and common values of enslaved people in the Western Hemisphere, as well as challenges and hardships endured by enslaved people brought to the United States.
		Virtual Field Trips Grade 4 - Southeast Region of the U.S.
STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Colonial America and the American Revolution
INDICATOR / STANDARD	USI.5.	The student will apply history and social science skills to explain the social, political, religious, economic, and geographic factors that shaped colonial America by
INDICATOR	USI.5.a.	describing the characteristics and differences among the New England, the Mid-Atlantic, and the Southern colonies;
		Virtual Field Trips Grade 4 - Northeast Grade 4 - Southeast Region of the U.S.
INDICATOR	USI.5.d.	explaining the specialization and interdependence of the regions; and
		Virtual Field Trips Grade 4 - Northeast Grade 4 - Southeast Region of the U.S.
INDICATOR	USI.5.e.	explaining the changing political and economic relationships between the colonies and Great Britain, including, but not limited to representative government and self-rule in the colonies.
		Virtual Field Trips Grade 4 - Northeast
STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		Colonial America and the American Revolution
INDICATOR / STANDARD	USI.6.	The student will apply history and social science skills to explain the American Revolution by

INDICATOR	USI.6.b.	identifying the issues of dissatisfaction that led to the American Revolution, including, but not limited to the "injuries and usurpations" outlined in the Declaration of Independence; Virtual Field Trips Grade 4 - Northeast
INDICATOR	USI.6.c.	comparing and contrasting the political ideas and principles that shaped the revolutionary movement; Virtual Field Trips Grade 4 - Northeast
INDICATOR	USI.6.e.	examining the causes, course, and consequences of key events and battles of the era. Virtual Field Trips Grade 4 - Northeast

STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		A New Nation and its Expansion
INDICATOR / STANDARD	USI.8.	The student will apply history and social science skills to explain westward expansion and reform in America from 1801 to 1861 by

INDICATOR	USI.8.a.	describing how territorial expansion affected the political map of the United States, including, but not limited to the Louisiana Purchase, the Lewis and Clark expedition and the role of Sacagawea, the acquisitions of Florida, Texas, Oregon, and California, and the results of the Mexican American War; Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings
INDICATOR	USI.8.c.	identifying geographic, economic, and religious motivations that influenced the movement of settlers; Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - West Region Early Beginnings
INDICATOR	USI.8.d.	analyzing the impact of westward expansion on Indigenous peoples, including, but not limited to the Indian Removal policies, the Trail of Tears, and the Seminole Wars; Virtual Field Trips Grade 4 - Midwest Region Early Beginnings Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings
INDICATOR	USI.8.e.	explaining technological advancements and innovations and their effects on life in America, including but not limited to the cotton gin, the reaper, the steam engine, and the steam locomotive; Virtual Field Trips Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - West Region Early Beginnings

STRAND / TOPIC		Grade 5: United States History to 1865
STANDARD / STRAND		The Civil War

INDICATOR / STANDARD	USI.9.	The student will apply history and social science skills to understand the cause, major events, and effects of the Civil War by
INDICATOR	USI.9.a.	describing how slavery and its expansion was the primary cause of the cultural, economic, and constitutional issues that divided the nation and led to the secession of southern states;
		<u>Virtual Field Trips</u> Grade 4 - Southeast Region of the U.S.
INDICATOR	USI.9.b.	describing the differences in the economies of the North and the South, growth of agriculture and industry, and how those economies impacted the outcome of the war;
		<u>Virtual Field Trips</u> Grade 4 - Northeast

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 6
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 6 - Adopted: 2018

STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.1.	The student will demonstrate an understanding of scientific and engineering practices by:
INDICATOR / STANDARD	6.1.e.	developing and using models

INDICATOR 6.1.e.1. use scale models to represent and estimate distance

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - Grades 6-8

STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.4.	The student will investigate and understand that there are basic sources of energy and that energy can be transformed. Key ideas include:

INDICATOR / STANDARD 6.4.c. radiation, conduction, and convection distribute energy;

Virtual Field Trips

Canada: Coast to Coast

STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.6.	The student will investigate and understand that water has unique physical properties and has a role in the natural and human-made environment. Key ideas include:

INDICATOR / STANDARD 6.6.d. water has a role in weathering;

Virtual Field Trips

National Parks - Wyoming, Utah

INDICATOR / STANDARD 6.6.f. water is important for agriculture, power generation, and public health.

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

National Parks - Nevada, California

The Sahara Desert

STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.7.	The student will investigate and understand that air has properties and that Earth's atmosphere has structure and is dynamic. Key ideas include:

INDICATOR / STANDARD	6.7.d.	there is a relationship between air movement, thermal energy, and weather conditions; Virtual Field Trips Canada: Coast to Coast
STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.8.	The student will investigate and understand that land and water have roles in watershed systems. Key ideas include:
INDICATOR / STANDARD	6.8.a.	a watershed is composed of the land that drains into a body of water; Virtual Field Trips National Parks - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR / STANDARD	6.8.b.	Virginia is composed of multiple watershed systems which have specific features; Virtual Field Trips National Parks - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR / STANDARD	6.8.c.	the Chesapeake Bay is an estuary that has many important functions; Virtual Field Trips Canada: Coast to Coast National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR / STANDARD	6.8.d.	natural processes, human activities, and biotic and abiotic factors influence the health of a watershed system. Virtual Field Trips National Parks - Washington, Oregon, Idaho, Montana, Colorado Who Lives On a Coral Reef?
STRAND / TOPIC		Grade Six – Our world; our responsibility
STANDARD / STRAND	6.9.	The student will investigate and understand that humans impact the environment and individuals can influence public policy decisions related to energy and the environment. Key ideas include:
INDICATOR / STANDARD	6.9.a.	natural resources are important to protect and maintain; 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?
INDICATOR / STANDARD	6.9.b.	renewable and nonrenewable resources can be managed; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 2-5 Amazon Rainforest - People and Threats - Grades 6-8 National Parks - Nevada, California

INDICATOR / STANDARD	6.9.c.	major health and safety issues are associated with air and water quality; <u>Virtual Field Trips</u> Who Lives On a Coral Reef?
INDICATOR / STANDARD	6.9.e.	preventive measures can protect land-use and reduce environmental hazards; <u>Virtual Field Trips</u> 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?
INDICATOR / STANDARD	6.9.f.	there are cost/benefit tradeoffs in conservation policies. <u>Virtual Field Trips</u> 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?

Virginia Standards of Learning

Social Studies

Grade: 6 - Adopted: 2023

STRAND / TOPIC		Grade 6: United States History: 1865 to the Present
STANDARD / STRAND		Industrialization and Growth
INDICATOR / STANDARD	USII.4.	The student will apply history and social science skills to explain the changing role of the United States from the late 19th century through World War I by

INDICATOR	USII.4.a.	explaining the legacy of Theodore Roosevelt, including, but not limited to conservation contributions, progressivism, the building of the Panama Canal, and his role in the Spanish-American War; <u>Virtual Field Trips</u> National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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STRAND / TOPIC		Grade 6: United States History: 1865 to the Present
STANDARD / STRAND		The Second World War and America's Transformation
INDICATOR / STANDARD	USII.6.	The student will apply history and social science skills to understand the major causes and events of World War II and the effects of America's role by

INDICATOR	USII.6.e.	explaining and evaluating the role of key political and military leaders of the Allies and Axis powers, including, but not limited to the United States, Germany, Japan, the Soviet Union, Italy, and Great Britain; Virtual Field Trips London - City of Pomp & Majesty
STRAND / TOPIC		Grade 6: United States History: 1865 to the Present
STANDARD / STRAND		The Cold War
INDICATOR / STANDARD	USII.7.	The student will apply history and social science skills to understand the transformation of U.S. foreign policy between the end of World War II and the new millennium by
INDICATOR	USII.7.c.	describing the differences between communism and a democratic nation, including, but not limited to self-governance and economic philosophy; Virtual Field Trips Exploring Cuba
INDICATOR	USII.7.d.	examining the role of the United States in fighting communism and defending freedom during the Cold War, including, but not limited to the Berlin Airlift, conflicts in Korea and Vietnam, the roles of John F. Kennedy and Nikita Khrushchev during the Cuban missile crisis, the fall of the Berlin Wall, and the collapse of communism in Eastern Europe; and Virtual Field Trips Exploring Cuba
STRAND / TOPIC		Grade 6: United States History: 1865 to the Present
STANDARD / STRAND		Late 20th–Early 21st Century
INDICATOR / STANDARD	USII.8.	The student will apply history and social science skills to analyze the key changing patterns of society during the second half of the 20th and early 21st centuries by
INDICATOR	USII.8.a.	examining the contributions of key leaders and events during the Civil Rights Era, including, but not limited to Robert Kennedy, Dr. Martin Luther King, Jr., Malcolm X, Medgar Evers, John Lewis, Rosa Parks, Ruby Bridges, Jonathan Daniels, Dorothy Height, the Selma march, sit-ins, and boycotts; Virtual Field Trips Washington, DC - Grades 6 - 8

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 7
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 7 - Adopted: 2018

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.3.	The student will investigate and understand that there are levels of structural organization in living things. Key ideas include:

INDICATOR / STANDARD LS.3.c. similar characteristics determine the classification of organisms.

Virtual Field Trips

African Safari

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.4.	The student will investigate and understand that there are chemical processes of energy transfer which are important for life. Key ideas include:

INDICATOR / STANDARD LS.4.a. photosynthesis is the foundation of virtually all food webs;

Virtual Field Trips

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.5.	The student will investigate and understand that biotic and abiotic factors affect an ecosystem. Key ideas include:

INDICATOR / STANDARD LS.5.a. matter moves through ecosystems via the carbon, water, and nitrogen cycles;

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

INDICATOR / STANDARD LS.5.b. energy flow is represented by food webs and energy pyramids;

Virtual Field Trips

Galapagos Islands

INDICATOR / STANDARD LS.5.c. relationships exist among producers, consumers, and decomposers.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 6-8

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.6.	The student will investigate and understand that populations in a biological community interact and are interdependent. Key ideas include:

INDICATOR / STANDARD	LS.6.a.	relationships exist between predators and prey and these relationships are modeled in food webs; Virtual Field Trips African Safari Amazon Rainforest - Grades 6-8 Galapagos Islands
INDICATOR / STANDARD	LS.6.b.	the availability and use of resources may lead to competition and cooperation; Virtual Field Trips Amazon Rainforest - Grades 6-8 Galapagos Islands
INDICATOR / STANDARD	LS.6.c.	symbiotic relationships support the survival of different species; Virtual Field Trips Amazon Rainforest - Grades 6-8 Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.7.	The student will investigate and understand that adaptations support an organism's survival in an ecosystem. Key ideas include:

INDICATOR / STANDARD	LS.7.a.	biotic and abiotic factors define land, marine, and freshwater 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 National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
INDICATOR / STANDARD	LS.7.b.	physical and behavioral characteristics enable organisms to survive within a specific ecosystem. 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 National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.8.	The student will investigate and understand that ecosystems, communities, populations, and organisms are dynamic and change over time. Key ideas include:

INDICATOR / STANDARD	LS.8.a.	organisms respond to daily, seasonal, and long-term changes; 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 National Parks - Nevada, California National Parks - Wyoming, Utah
INDICATOR / STANDARD	LS.8.b.	changes in the environment may increase or decrease population size; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
INDICATOR / STANDARD	LS.8.c.	large-scale changes such as eutrophication, climate changes, and catastrophic disturbances affect ecosystems. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Washington, Oregon, Idaho, Montana, Colorado
STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.9.	The student will investigate and understand that relationships exist between ecosystem dynamics and human activity. Key ideas include:
INDICATOR / STANDARD	LS.9.a.	changes in habitat can disturb 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 - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR / STANDARD	LS.9.b.	disruptions in ecosystems can change species competition; Virtual Field Trips Galapagos Islands
INDICATOR / STANDARD	LS.9.c.	variations in biotic and abiotic factors can change ecosystems. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.11.	The student will investigate and understand that populations of organisms can change over time. Key ideas include:

INDICATOR / STANDARD	LS.11.a.	mutation, adaptation, natural selection, and extinction change populations; Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
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INDICATOR / STANDARD	LS.11.c.	environmental factors and genetic variation, influence survivability and diversity of organisms. 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 National Parks - Washington, Oregon, Idaho, Montana, Colorado
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Virginia Standards of Learning
Social Studies
Grade: 7 - Adopted: 2023

STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.C E.	The student will apply history and social science skills to the content by

INDICATOR	Skills.CE. d.	integrating evidence to construct and analyze timelines, classify events, and to distinguish fact and opinion; Virtual Field Trips Washington, DC - Grades 6 - 8
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INDICATOR	Skills.CE. e.	comparing and contrasting historical, cultural, economic, and political perspectives; Virtual Field Trips Washington, DC - Grades 6 - 8
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STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		American Constitutional Government
INDICATOR / STANDARD	CE.1.	The student will apply history and social science skills to explain the foundations of the American constitutional democracy by

INDICATOR	CE.1.a.	explaining the fundamental principles of limited government, republicanism, federalism, checks and balances, separation of powers, and popular sovereignty; Virtual Field Trips Washington, DC - Grades 6 - 8
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INDICATOR	CE.1.e.	explaining the fundamental concepts of the U.S. government, including but not limited to due process, equal justice under the law, equal protection, elections and a representative government, limited government, right to private property, rule of law, Supremacy Clause, and separation of powers; and Virtual Field Trips Washington, DC - Grades 6 - 8
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STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		American Constitutional Government
INDICATOR / STANDARD	CE.2.	The student will apply history and social science skills to analyze how American constitutional government functions at the national level by

INDICATOR CE.2.a. describing the structure and powers of the government (the three branches of government);

Virtual Field Trips

Washington, DC - Grades 6 - 8

INDICATOR CE.2.e. explaining the principle of separation of powers and the operation of checks and balances.

Virtual Field Trips

Washington, DC - Grades 6 - 8

STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		American Constitutional Government
INDICATOR / STANDARD	CE.3.	The student will apply history and social science skills to analyze how constitutional government functions at the state level by

INDICATOR CE.3.e. explaining the principle of separation of powers and the operation of checks and balances at the state level.

Virtual Field Trips

Washington, DC - Grades 6 - 8

STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		American Constitutional Government
INDICATOR / STANDARD	CE.4.	The student will apply history and social science skills to analyze American constitutional government at the local level by

INDICATOR CE.4.c. comparing and contrasting powers and responsibilities of local, state, federal, and tribal governments, including, but not limited to citizen engagement, how each is financed, and how they work together and independently.

Virtual Field Trips

Washington, DC - Grades 6 - 8

STRAND / TOPIC		Grade 7: Civics and Economics
STANDARD / STRAND		Economic Decisions
INDICATOR / STANDARD	CE.13.	The student will apply history and social science skills to analyze the role of government in the United States economy by

INDICATOR	CE.13.b.	explaining how and why government provides certain public goods and services; Virtual Field Trips Barcelona
INDICATOR	CE.13.c.	describing how local, state, and federal governments allocate their budgets and collect taxes to pay for goods and services; Virtual Field Trips Barcelona

Main Criteria: Virginia Standards of Learning
Secondary Criteria: Virtual Field Trips
Subjects: Science, Social Studies
Grade: 8
Correlation Options: Show Correlated

Virginia Standards of Learning

Science

Grade: 8 - Adopted: 2018

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.3.	The student will investigate and understand that there are levels of structural organization in living things. Key ideas include:

INDICATOR / STANDARD LS.3.c. similar characteristics determine the classification of organisms.

Virtual Field Trips

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.4.	The student will investigate and understand that there are chemical processes of energy transfer which are important for life. Key ideas include:

INDICATOR / STANDARD LS.4.a. photosynthesis is the foundation of virtually all food webs;

Virtual Field Trips

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.5.	The student will investigate and understand that biotic and abiotic factors affect an ecosystem. Key ideas include:

INDICATOR / STANDARD LS.5.a. matter moves through ecosystems via the carbon, water, and nitrogen cycles;

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 6-8

INDICATOR / STANDARD LS.5.b. energy flow is represented by food webs and energy pyramids;

Virtual Field Trips

Galapagos Islands

INDICATOR / STANDARD LS.5.c. relationships exist among producers, consumers, and decomposers.

Virtual Field Trips

Amazon Rainforest - Grades 6-8

Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.6.	The student will investigate and understand that populations in a biological community interact and are interdependent. Key ideas include:

INDICATOR / STANDARD	LS.6.a.	relationships exist between predators and prey and these relationships are modeled in food webs; Virtual Field Trips Amazon Rainforest - Grades 6-8 Galapagos Islands
INDICATOR / STANDARD	LS.6.b.	the availability and use of resources may lead to competition and cooperation; Virtual Field Trips Amazon Rainforest - Grades 6-8 Galapagos Islands
INDICATOR / STANDARD	LS.6.c.	symbiotic relationships support the survival of different species; Virtual Field Trips Amazon Rainforest - Grades 6-8 Galapagos Islands

STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.7.	The student will investigate and understand that adaptations support an organism's survival in an ecosystem. Key ideas include:

INDICATOR / STANDARD	LS.7.a.	biotic and abiotic factors define land, marine, and freshwater 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 National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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INDICATOR / STANDARD	LS.7.b.	physical and behavioral characteristics enable organisms to survive within a specific ecosystem. 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 - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.8.	The student will investigate and understand that ecosystems, communities, populations, and organisms are dynamic and change over time. Key ideas include:

INDICATOR / STANDARD	LS.8.a.	organisms respond to daily, seasonal, and long-term changes; 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 - Nevada, California National Parks - Wyoming, Utah
INDICATOR / STANDARD	LS.8.b.	changes in the environment may increase or decrease population size; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
INDICATOR / STANDARD	LS.8.c.	large-scale changes such as eutrophication, climate changes, and catastrophic disturbances affect ecosystems. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Galapagos Islands National Parks - Washington, Oregon, Idaho, Montana, Colorado
STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.9.	The student will investigate and understand that relationships exist between ecosystem dynamics and human activity. Key ideas include:
INDICATOR / STANDARD	LS.9.a.	changes in habitat can disturb 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 - Washington, Oregon, Idaho, Montana, Colorado
INDICATOR / STANDARD	LS.9.b.	disruptions in ecosystems can change species competition; Virtual Field Trips Galapagos Islands
INDICATOR / STANDARD	LS.9.c.	variations in biotic and abiotic factors can change ecosystems. Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
STRAND / TOPIC		Life Science
STANDARD / STRAND	LS.11.	The student will investigate and understand that populations of organisms can change over time. Key ideas include:

INDICATOR / STANDARD	LS.11.a.	mutation, adaptation, natural selection, and extinction change populations; Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Galapagos Islands National Parks - Alaska & Hawaii
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INDICATOR / STANDARD	LS.11.c.	environmental factors and genetic variation, influence survivability and diversity of organisms. 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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Virginia Standards of Learning

Social Studies

Grade: 8 - Adopted: 2023

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Skills
INDICATOR / STANDARD	Skills.W G.	The student will demonstrate skills for historical thinking, geographical analysis, economic decision making, and responsible citizenship by

INDICATOR	Skills.WG .a.	selecting and synthesizing evidence from information sources, including, but not limited to artifacts, primary and secondary sources, charts, graphs, diagrams, and geospatial technologies, including maps, GIS, and GPS imagery, to understand the regions of the world; Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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INDICATOR	Skills.WG .b.	applying geographic skills to determine and predict patterns and movement of people, places, and events; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
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INDICATOR	Skills.WG .c.	developing questions, enhancing curiosity, and engaging in critical thinking and analysis; Virtual Field Trips 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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INDICATOR	Skills.WG .e.	comparing and contrasting historical, cultural, economic, and political perspectives; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor Washington, DC - Grades 6 - 8
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INDICATOR	Skills.WG .f.	determining and explaining cause and effect relationships; Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 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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STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Introduction to Geography
INDICATOR / STANDARD	WG.1.	The student will apply history and social science skills to explain how geographic information and geospatial tools are used to make decisions by

INDICATOR	WG.1.a.	explaining how characteristics of regions have led to regional labels; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Coast to Coast Canada: Our Northern Neighbor
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INDICATOR	WG.1.b.	describing how regional landscapes reflect the physical environment and the cultural characteristics of their inhabitants; 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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INDICATOR	WG.1.c.	analyzing how cultural characteristics, including the world's major languages, ethnicities, and religions, link or divide regions; and Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor Jerusalem - Then and Now (Older Grades)
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INDICATOR	WG.1.d.	explaining how cartography is used to reflect regional perspectives, point of view, and perceptions of an area and the creation of mental maps. Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor
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STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Resources and the Environment
INDICATOR / STANDARD	WG.2.	The student will apply history and social science skills to evaluate the significance of natural, human, and capital resources by

INDICATOR	WG.2.a.	comparing the distribution of major natural resources throughout world regions; Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
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INDICATOR	WG.2.b.	showing the influence of resources on patterns of economic activity and land use; and Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
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INDICATOR	WG.2.c.	evaluating perspectives regarding the use of resources. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor
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STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Classifying and Identifying Regions
INDICATOR / STANDARD	WG.3.	The student will analyze the characteristics of the regions of the United States and Canada by

INDICATOR	WG.3.a.	identifying and analyzing the location of major geographic regions and major cities on maps and a globe; Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades 6 - 8
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INDICATOR	WG.3.b.	describing major physical and environmental features and how geography may change over time;
		Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades 6 - 8

INDICATOR	WG.3.c.	analyzing cultural influences and landscapes; and
		Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades 6 - 8

INDICATOR	WG.3.d.	explaining important economic characteristics, including the distribution of economic activities and global trade.
		Virtual Field Trips Canada: Coast to Coast Canada: Our Northern Neighbor

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Classifying and Identifying Regions
INDICATOR / STANDARD	WG.4.	The student will analyze the characteristics of the regions of Latin America and the Caribbean by

INDICATOR	WG.4.a.	identifying and analyzing the location of major geographic regions and major cities on maps and globe;
		Virtual Field Trips Exploring Cuba

INDICATOR	WG.4.b.	describing major physical and environmental features and how geography may change over time;
		Virtual Field Trips Exploring Cuba

INDICATOR	WG.4.c.	analyzing cultural influences and landscapes; and
		Virtual Field Trips Exploring Cuba

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Classifying and Identifying Regions
INDICATOR / STANDARD	WG.5.	The students will analyze the characteristics of the regions of Europe by

INDICATOR	WG.5.a.	identifying and analyzing the location of major geographic regions and major cities on maps and globe; <u>Virtual Field Trips</u> Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 8 Rome - The Eternal City
INDICATOR	WG.5.b.	describing major physical and environmental features and how geography may change over time; <u>Virtual Field Trips</u> Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 8 Rome - The Eternal City
INDICATOR	WG.5.c.	analyzing cultural influences and landscapes; and <u>Virtual Field Trips</u> Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 8 Rome - The Eternal City

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Classifying and Identifying Regions
INDICATOR / STANDARD	WG.10.	The student will analyze the characteristics of the East Asian region by

INDICATOR	WG.10.a.	identifying and analyzing the location of major geographic regions and major cities on maps and globe; <u>Virtual Field Trips</u> Tokyo - City of Contrasts
INDICATOR	WG.10.b.	describing major physical and environmental features and how geography may change over time; <u>Virtual Field Trips</u> Tokyo - City of Contrasts
INDICATOR	WG.10.c.	analyzing cultural influences and landscapes; and <u>Virtual Field Trips</u> Tokyo - City of Contrasts

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Population and Migration
INDICATOR / STANDARD	WG.12.	The student will apply social science skills to understand the distribution, growth rates, and characteristics of human population by

INDICATOR	WG.12.c.	comparing and contrasting the level of economic development to the standard of living, quality of life, form of government, and personal freedom and economic opportunity. Virtual Field Trips Canada: Our Northern Neighbor
STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Population and Migration
INDICATOR / STANDARD	WG.13.	The student will apply history and social science skills to understand population and migration by
INDICATOR	WG.13.a.	explaining how data is used to describe and compare populations; and Virtual Field Trips Canada: Our Northern Neighbor
INDICATOR	WG.13.b.	analyzing the causes, impacts, and responses related to migration. Virtual Field Trips Amazon Rainforest - People and Threats - Grades 6-8
STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Culture
INDICATOR / STANDARD	WG.14.	The student will apply history and social science skills to determine cultural patterns and interactions across time and place by
INDICATOR	WG.14.a.	identifying and describing characteristics that contribute to cultural identity, cultural groups, and cultural landscapes; and Virtual Field Trips Amazon Rainforest - Grades 6-8 Amazon Rainforest - People and Threats - Grades 6-8 Canada: Our Northern Neighbor Exploring Cuba
STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Culture
INDICATOR / STANDARD	WG.15.	The student will apply history and social science skills to analyze the patterns of rural and urban migration and development by
INDICATOR	WG.15.a.	applying the concepts of site and situation to major cities in each region; and Virtual Field Trips Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts

INDICATOR	WG.15.b.	explaining how the functions of towns and cities have changed over time.
		<u>Virtual Field Trips</u> Barcelona London - City of Pomp & Majesty Paris - City of Light - Grades 6 - 8 Tokyo - City of Contrasts

STRAND / TOPIC		Grade 8: World Geography
STANDARD / STRAND		Globalization
INDICATOR / STANDARD	WG.16.	The student will apply history and social science skills to understand the impact of the growing interdependence of the world by

INDICATOR	WG.16.a.	examining factors that influence the distribution of economic activities and trade; and
		<u>Virtual Field Trips</u> Canada: Our Northern Neighbor Exploring Cuba

INDICATOR	WG.16.b.	analyzing global trade and communication networks.
		<u>Virtual Field Trips</u> Exploring Cuba