

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

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;
		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;
		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".
		Virtual Field Trips Grade 3 - How The Country Was Settled Grade 4 - Midwest Region Early Beginnings