

**Main Criteria:** Virginia Standards of Learning  
**Secondary Criteria:** Social Studies Online  
**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.

**Social Studies Online**

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;

**Social Studies Online**

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;

**Social Studies Online**

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;
		<a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - Grades 2-5</a> <a href="#">Amazon Rainforest - People and Threats - Grades 2-5</a> <a href="#">Canada: Coast to Coast</a> <a href="#">Galapagos Islands</a> <a href="#">How Coral Reefs Are Formed</a> <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a> <a href="#">Who Lives On a Coral Reef?</a>

INDICATOR	4.3.d.	classification can be used to identify organisms.
		<a href="#">Social Studies Online</a> <a href="#">African Safari</a> <a href="#">Galapagos Islands</a> <a href="#">How Coral Reefs Are Formed</a> <a href="#">Who Lives On a Coral Reef?</a>

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;
		<a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - People and Threats - Grades 2-5</a> <a href="#">Grade 3 - Geography of Our Communities</a> <a href="#">Grade 4 - Midwest Region Early Beginnings</a> <a href="#">Grade 4 - Southwest Region Early Beginnings</a>

INDICATOR	4.4.c.	long term seasonal weather trends determine the climate of a region.
		<a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - Grades 2-5</a> <a href="#">Canada: Coast to Coast</a> <a href="#">Canada: Our Northern Neighbor</a> <a href="#">Grade 4 - Midwest Region Early Beginnings</a> <a href="#">Grade 4 - Northeast</a> <a href="#">Grade 4 - Southwest Region Early Beginnings</a> <a href="#">Grade 4 - West Region Geography</a> <a href="#">National Parks - Nevada, California</a> <a href="#">The Sahara Desert</a>

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;
		<a href="#">Social Studies Online</a> <a href="#">Galapagos Islands</a>

INDICATOR	4.7.c.	<p>interaction of organisms in the ocean.</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Galapagos Islands</a>  <a href="#">How Coral Reefs Are Formed</a>  <a href="#">National Parks - Alaska &amp; Hawaii</a>  <a href="#">Who Lives On a Coral Reef?</a></p>
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.	<p>watersheds and water;</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Grade 3 - Geography of Our Communities</a>  <a href="#">National Parks - Nevada, California</a>  <a href="#">National Parks - Washington, Oregon, Idaho, Montana, Colorado</a></p>
INDICATOR	4.8.b.	<p>plants and animals;</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Amazon Rainforest - People and Threats - Grades 2-5</a>  <a href="#">Canada: Coast to Coast</a>  <a href="#">Canada: Our Northern Neighbor</a>  <a href="#">Galapagos Islands</a>  <a href="#">Grade 3 - Geography of Our Communities</a>  <a href="#">Grade 4 - Midwest Region Early Beginnings</a>  <a href="#">Grade 4 - Northeast</a>  <a href="#">Grade 4 - Southwest Region Early Beginnings</a>  <a href="#">Grade 4 - West Region Early Beginnings</a>  <a href="#">Grade 4 - West Region Geography</a>  <a href="#">Grade 4 - West Region Today</a>  <a href="#">National Parks - Nevada, California</a>  <a href="#">The Sahara Desert</a></p>
INDICATOR	4.8.c.	<p>minerals, rocks, and ores;</p> <p><b><u>Social Studies Online</u></b>  <a href="#">Canada: Coast to Coast</a>  <a href="#">Canada: Our Northern Neighbor</a>  <a href="#">Grade 3 - Geography of Our Communities</a>  <a href="#">Grade 4 - Midwest Region Early Beginnings</a>  <a href="#">Grade 4 - Northeast</a>  <a href="#">Grade 4 - Southwest Region Early Beginnings</a>  <a href="#">Grade 4 - West Region Early Beginnings</a>  <a href="#">Grade 4 - West Region Geography</a>  <a href="#">Grade 4 - West Region Today</a>  <a href="#">National Parks - Alaska &amp; Hawaii</a>  <a href="#">The Sahara Desert</a></p>

INDICATOR	4.8.d.	forests, soil, and land.
		<a href="#">Social Studies Online</a> <a href="#">Amazon Rainforest - People and Threats - Grades 2-5</a> <a href="#">Canada: Coast to Coast</a> <a href="#">Grade 3 - Geography of Our Communities</a> <a href="#">Grade 4 - Midwest Region Early Beginnings</a> <a href="#">Grade 4 - Midwest Region Today</a> <a href="#">Grade 4 - Northeast</a> <a href="#">Grade 4 - West Region Today</a> <a href="#">National Parks - Nevada, California</a> <a href="#">The Sahara Desert</a>

**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;
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - The First Americans</a>

INDICATOR	Skills.VS.h.	practicing civility, respect, hard work, honesty, trustworthiness, and responsible citizenship skills; and
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - How Government Helps Our Communities</a>

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;
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - The First Americans</a>

INDICATOR	VS.3.b.	describing the economic and geographic influences on the decision to settle at Jamestown;
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - The First Americans</a>

INDICATOR	VS.3.c.	describing the importance of the Virginia Company of London Charter (April 10, 1606) in establishing the Jamestown colony;
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - The First Americans</a>

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;  <a href="#">Social Studies Online</a> 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;  <a href="#">Social Studies Online</a> Grade 3 - The First Americans
INDICATOR	VS.3.f.	analyzing the impact of the arrival of Africans and women to the Jamestown settlement; and  <a href="#">Social Studies Online</a> 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.  <a href="#">Social Studies Online</a> 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;  <a href="#">Social Studies Online</a> 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;  <a href="#">Social Studies Online</a> 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;
		<a href="#">Social Studies Online</a> <a href="#">Grade 4 - Southeast Region of the U.S.</a>

INDICATOR	VS.7.d.	explaining major events and issues that divided Virginians and led to secession, war, and the creation of West Virginia;
		<a href="#">Social Studies Online</a> <a href="#">Grade 4 - Southeast Region of the U.S.</a>

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".
		<a href="#">Social Studies Online</a> <a href="#">Grade 3 - How The Country Was Settled</a> <a href="#">Grade 4 - Midwest Region Early Beginnings</a>