

Main Criteria: Missouri Learning Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 4

Correlation Options: Show Correlated

Missouri Learning Standards

Science

Grade: 4 - Adopted: 2016

STRAND: BIG IDEA / STANDARD	MO.4.LS1	From Molecules to Organisms: Structure and Processes
CONCEPT: GLE / BENCHMARK	4.LS1.A.	Structure and Function

GLE / COMPONENT 4.LS1.A.1 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and plant reproduction. [Clarification Statement: Examples of structures could include thorns, stems, roots, colored petals, heart, stomach, lung, brain, and skin.]

Virtual Field Trips

[African Safari](#)

[Amazon Rainforest - Grades 2-5](#)

[Canada: Coast to Coast](#)

[Galapagos Islands](#)

[Grade 4 - Southwest Region Early Beginnings](#)

[Grade 4 - West Region Geography](#)

[How Coral Reefs Are Formed](#)

[The Sahara Desert](#)

[Who Lives On a Coral Reef?](#)

STRAND: BIG IDEA / STANDARD	MO.4.LS1	From Molecules to Organisms: Structure and Processes
CONCEPT: GLE / BENCHMARK	4.LS1.D.	Information Processing

GLE / COMPONENT 4.LS1.D. 1. Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways. [Clarification Statement: Emphasis is on systems of information transfer.]

Virtual Field Trips

[Grade 4 - West Region Geography](#)

[Who Lives On a Coral Reef?](#)

STRAND: BIG IDEA / STANDARD	MO.4.ESS2.	Earth's Systems
CONCEPT: GLE / BENCHMARK	4.ESS2.A.	Earth Materials and Systems

GLE / COMPONENT	4.ESS2.A .1.	Plan and conduct scientific investigations or simulations to provide evidence how natural processes (e.g. weathering and erosion) shape Earth's surfaces.
Virtual Field Trips Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Landforms National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah		

STRAND: BIG IDEA / STANDARD	MO.4.ESS3.	Earth and Human Activity
CONCEPT: GLE / BENCHMARK	4.ESS3.A.	Natural Resources

GLE / COMPONENT	4.ESS3.A .1.	Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans. [Clarification Statement: Examples of solutions could include designing an earthquake resistant building and improving monitoring of volcanic activity.]
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Virtual Field Trips
Grade 3 - Geography of Our Communities

**Missouri Learning Standards
Social Studies
Grade: 4 - Adopted: 2016**

STRAND: BIG IDEA / STANDARD	4.PC.1.	Knowledge of the principles expressed in documents shaping constitutional democracy in the United States
CONCEPT: GLE / BENCHMARK	4.PC.1.A.	Purpose and principles of the Declaration of Independence

GLE / COMPONENT	4.PC.1.A. a.	With assistance, read and analyze the text of the Declaration of Independence to determine important principles that it contains including inalienable rights, government by the consent of the governed and the redress of grievances.
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Virtual Field Trips
Grade 3 - The First Americans
Grade 4 - Northeast

STRAND: BIG IDEA / STANDARD	4.PC.1.	Knowledge of the principles expressed in documents shaping constitutional democracy in the United States
CONCEPT: GLE / BENCHMARK	4.PC.1.B.	Purpose and principles of the Constitution

GLE / COMPONENT	4.PC.1.B. a.	Explain the major purposes of the U.S. Constitution.
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Virtual Field Trips
Grade 3 - How Government Helps Our Communities
Grade 3 - The First Americans

GLE / COMPONENT	4.PC.1.B. b.	With assistance, research and analyze the text of the U.S. Constitution to determine important principles such as limited government, rule of law, majority rules, minority rights, separation of powers, checks and balances and popular sovereignty. Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Grade 4 - West Region Early Beginnings Washington, DC - Grades K - 5
STRAND: BIG IDEA / STANDARD	4.PC.1.	Knowledge of the principles expressed in documents shaping constitutional democracy in the United States
CONCEPT: GLE / BENCHMARK	4.PC.1. C.	Purpose and principles of the Bill of Rights
GLE / COMPONENT	4.PC.1.C. a.	Explain the major purpose of the Bill of Rights. Virtual Field Trips Grade 3 - How Government Helps Our Communities
GLE / COMPONENT	4.PC.1.C. b.	Identify important principles in the Bill of Rights. Virtual Field Trips Grade 3 - How Government Helps Our Communities
STRAND: BIG IDEA / STANDARD	4.PC.1.	Knowledge of the principles expressed in documents shaping constitutional democracy in the United States
CONCEPT: GLE / BENCHMARK	4.PC.1.F .	Knowledge of the symbols of our state and the nation.
GLE / COMPONENT	4.PC.1.F. a.	Recognize and explain the significance of national symbols associated with historical events and time periods being studied. Virtual Field Trips Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
STRAND: BIG IDEA / STANDARD	4.GS.2.	Knowledge of principles and processes of governance systems.
CONCEPT: GLE / BENCHMARK	4.GS.2. A.	Purposes and roles of government
GLE / COMPONENT	4.GS.2.A. a.	Explain how the purpose and roles of government were debated c. early settlements to 1800. Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast
STRAND: BIG IDEA / STANDARD	4.GS.2.	Knowledge of principles and processes of governance systems.
CONCEPT: GLE / BENCHMARK	4.GS.2. D.	Functions of governmental systems.

GLE / COMPONENT	4.GS.2.D. a.	Identify and explain the functions of the three branches of government in the federal government. <u>Virtual Field Trips</u> Grade 3 - How Government Helps Our Communities Washington, DC - Grades K - 5
STRAND: BIG IDEA / STANDARD	4.H.3.	Knowledge of continuity and change in the history of Missouri and the United States.
CONCEPT: GLE / BENCHMARK	4.H.3.A.	Understand the movement of people from many regions of the world to North America.
GLE / COMPONENT	4.H.3.A.a.	Describe the migrations of native Americans prior to 1800. <u>Virtual Field Trips</u> Grade 3 - The First Americans Grade 4 - West Region Early Beginnings
GLE / COMPONENT	4.H.3.A.b.	Describe the discovery, exploration and early settlement of America by Europeans prior to 1800. <u>Virtual Field Trips</u> Canada: Our Northern Neighbor Grade 3 - The First Americans Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - West Region Early Beginnings
STRAND: BIG IDEA / STANDARD	4.H.3.	Knowledge of continuity and change in the history of Missouri and the United States.
CONCEPT: GLE / BENCHMARK	4.H.3.B.	Historical perspective/Thinking/Passage of time
GLE / COMPONENT	4.H.3.B.a.	Examine cultural interactions and conflicts among Native Americans, Immigrants from Europe, and enslaved and free Africans and African Americans prior to c. 1800. <u>Virtual Field Trips</u> Grade 3 - The First Americans Grade 4 - Southeast Region of the U.S.
STRAND: BIG IDEA / STANDARD	4.H.3.	Knowledge of continuity and change in the history of Missouri and the United States.
CONCEPT: GLE / BENCHMARK	4.H.3.D.	Knowledge of the contributions of significant persons in U.S. history
GLE / COMPONENT	4.H.3.D.a.	Explain the causes of the American Revolution, including the perspectives of patriots, loyalists, Native Americans, African Americans and European allies. <u>Virtual Field Trips</u> Grade 3 - The First Americans Grade 4 - Northeast

GLE / COMPONENT	4.H.3.D.b	Explain the factors that contributed to the colonists' success.
		Virtual Field Trips Grade 3 - The First Americans Grade 4 - Northeast
STRAND: BIG IDEA / STANDARD	4.H.3.	Knowledge of continuity and change in the history of Missouri and the United States.
CONCEPT: GLE / BENCHMARK	4.H.3.E.	Political developments and reform movements in the U.S.

GLE / COMPONENT	4.H.3.E.a.	Describe the historical context for the drafting of the Declaration of Independence, the Constitution and the Bill of Rights.
		Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Grade 4 - Northeast

GLE / COMPONENT	4.H.3.E.b.	Explain how the Declaration of Independence, the Constitution and the Bill of Rights affected people in the United States prior to c. 1800
		Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans Grade 4 - Northeast

STRAND: BIG IDEA / STANDARD	4.E.4.	Knowledge of economic concepts and principles
CONCEPT: GLE / BENCHMARK	4.E.4.A.	Knowledge of basic economic concepts.

GLE / COMPONENT	4.E.4.A.b.	Explain the relationship between profit and loss in economic decisions.
		Virtual Field Trips Grade 3 - Businesses At Work Grade 3 - I Am a Consumer

GLE / COMPONENT	4.E.4.A.c.	Distinguish among natural, capital and human resources.
		Virtual Field Trips Amazon Rainforest - Grades 2-5 Canada: Our Northern Neighbor Grade 3 - A Country of Cultures Grade 3 - Businesses At Work Grade 3 - Geography of Our Communities 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 Geography Grade 4 - West Region Today

STRAND: BIG IDEA / STANDARD	4.E.4.	Knowledge of economic concepts and principles
CONCEPT: GLE / BENCHMARK	4.E.4.B.	Understanding the consequences of economic decisions.

GLE /
COMPONENT

4.E.4.B.a. Conduct a public cost- benefit analysis.

Virtual Field Trips

Barcelona

STRAND: BIG IDEA / STANDARD	4.E.4.	Knowledge of economic concepts and principles
CONCEPT: GLE / BENCHMARK	4.E.4.C.	Understanding various types of taxes and their purposes.

GLE /
COMPONENT

4.E.4.C.a Explain how the government utilizes taxes to provide goods and services.

Virtual Field Trips

Barcelona

STRAND: BIG IDEA / STANDARD	4.EG.5.	Knowledge of major elements of geographical study and analysis and their relationship to changes in society and the environment.
CONCEPT: GLE / BENCHMARK	4.EG.5.B.	Understanding the concept of location make predictions and solve problems.

GLE /
COMPONENT

4.EG.5.B. a. Name and locate specific regions, states, capitals, river systems and mountain ranges in the United States based on historical or current topics.

Virtual Field Trips

Barcelona

Grade 3 - Geography of Our Communities

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Midwest Region Today

Grade 4 - Northeast

Grade 4 - Southeast Region of the U.S.

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

Grade 4 - West Region Landforms

Grade 4 - West Region Today

National Parks - Alaska & Hawaii

National Parks - Nevada, California

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

National Parks - Wyoming, Utah

Washington, DC - Grades K - 5

STRAND: BIG IDEA / STANDARD	4.EG.5.	Knowledge of major elements of geographical study and analysis and their relationship to changes in society and the environment.
CONCEPT: GLE / BENCHMARK	4.EG.5.D.	Relationships within places Human-Environment Interactions.

GLE / COMPONENT	4.EG.5.D. a.	Analyze how people are affected by, depend on, adapt to and change their physical environments in the past and in the present. <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast Grade 4 - West Region Geography
STRAND: BIG IDEA / STANDARD	4.EG.5.	Knowledge of major elements of geographical study and analysis and their relationship to changes in society and the environment.
CONCEPT: GLE / BENCHMARK	4.EG.5. F.	Understanding relationships between and among regions.
GLE / COMPONENT	4.EG.5.F. a.	Identify different regions in the United States and analyze how their characteristics affect people who live there. <u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southeast Region of the U.S. Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Landforms Grade 4 - West Region Today National Parks - Alaska & Hawaii National Parks - Nevada, California National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah Washington, DC - Grades K - 5
STRAND: BIG IDEA / STANDARD	4.EG.5.	Knowledge of major elements of geographical study and analysis and their relationship to changes in society and the environment.
CONCEPT: GLE / BENCHMARK	4.EG.5. G.	Using geography to interpret, explain and predict.
GLE / COMPONENT	4.EG.5.G. a.	Use geography to interpret the past and predict future consequences as appropriate to topics or eras discussed. <u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Amazon Rainforest - People and Threats - Grades 2-5 Ancient China - Qin & Han Dynasties
STRAND: BIG IDEA / STANDARD	4.RI.6.	Knowledge of relationships of the individual and groups to institutions and cultural traditions.
CONCEPT: GLE / BENCHMARK	4.RI.6.A.	Cultural characteristics of all people

GLE / COMPONENT	4.RI.6.A. a.	Compare cultural characteristics across historical time periods in U.S. history prior to c. 1800. Virtual Field Trips Grade 3 - The First Americans
STRAND: BIG IDEA / STANDARD	4.RI.6.	Knowledge of relationships of the individual and groups to institutions and cultural traditions.
CONCEPT: GLE / BENCHMARK	4.RI.6.D. .	Cultural heritage and preservation.
GLE / COMPONENT	4.RI.6.D. a.	Analyze the preservation of cultural life, celebrations, traditions, and commemorations over time. Virtual Field Trips Grade 3 - A Country of Cultures Grade 3 - The First Americans Grade 4 - West Region Early Beginnings
STRAND: BIG IDEA / STANDARD	4.RI.6.	Knowledge of relationships of the individual and groups to institutions and cultural traditions.
CONCEPT: GLE / BENCHMARK	4.RI.6.E.	Changing of roles of various groups
GLE / COMPONENT	4.RI.6.E.a .	Examine roles among Native Americans, Immigrants, African Americans, women and others from early migrations to c. 1800. Virtual Field Trips Grade 3 - The First Americans Grade 4 - Southeast Region of the U.S. Grade 4 - West Region Early Beginnings
STRAND: BIG IDEA / STANDARD	4.TS.7.	Knowledge of the use of tools of social science inquiry
CONCEPT: GLE / BENCHMARK	4.TS.7. A.	Identify, select, analyze, and evaluate resources to create a product of social science inquiry
GLE / COMPONENT	4.TS.7.A. b.	Analyze and use artifacts to share information on social studies' topics. Virtual Field Trips Grade 3 - The First Americans
STRAND: BIG IDEA / STANDARD	4.TS.7.	Knowledge of the use of tools of social science inquiry
CONCEPT: GLE / BENCHMARK	4.TS.7. B.	Use visual tools to communicate information and ideas.
GLE / COMPONENT	4.TS.7.B. b.	Create products such as maps, graphs, timelines, charts and models, diagrams etc. to communicate information and understanding. Virtual Field Trips Grade 3 - Geography of Our Communities