

Mission Geography and Missouri Show Me Standards *Connecting Mission Geography to State Standards*

Grades K-4

Module 1: Exploring our planet from above

Inv.	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry such as surveys, statistics, maps, documents
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry such as surveys, statistics, maps, documents
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry such as surveys, statistics, maps, documents
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry such as surveys, statistics, maps, documents
	Std 8: Characteristics and spatial distribution of ecosystems	SC 4 changes in ecosystems and interactions of organisms with their environments Performance (process) standard: Goal 1.1 develop questions and ideas to initiate and refine research

Module 2: Water, water almost everywhere

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 The use of tools of social science inquiry such as surveys, statistics, maps, documents
	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere
	Std 3: Analyze spatial organization of people, places, environments	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)

	Std 4: Physical and human characteristics of places	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SC 8 impact of science, technology and human activity on resources and the environment
3	Std 2: Use mental maps to organize information about people, places, environments	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow) and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere
4	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow) and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere
	Std 18: Apply geography to interpret the present and plan for the future	SS 4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand) SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SS 6 relationships of the individual and groups to institutions and cultural traditions SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents) Performance (process) Standard: Goal 1.8 organize data, information and ideas into useful forms 9including charts, graphs, outlines) for analysis or presentation

Module 3: Where on Earth do humans live?

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 4: Physical and human characteristics of places	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SC 8 impact of science, technology, and human activity on resources and the environment
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 4: Physical and human characteristics of places	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SC 8 impact of science, technology, and human activity on resources and the environment

3	Std 2: Use mental maps to organize information about people, places, environments	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 17: How to apply geography to interpret the past	SS 2 continuity and change in the history of Missouri, the United States, and the world SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 4: Physical and human characteristics of places	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SC 8 impact of science, technology, and human activity on resources and the environment Performance (process) Standard: Goal 1.2 conduct research to answer questions and evaluate information and ideas

Module 4: Paths

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology, and human activity on resources and the environment
2	Std 2: Use mental maps to organize information about people, places, environments	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology, and human activity on resources and the environment
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as locations, place, movement, regions) and their relationships to changes in society and environment
4	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as locations, place, movement, regions) and their relationships to changes in society and environment

	Std 18: Apply geography to interpret the present and plan for the future	<p>SS 4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand)</p> <p>SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment</p> <p>SS 6 relationships of the individual and groups to institutions and cultural traditions</p> <p>SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)</p> <p>Performance (process) Standard: Goal 1.4 use technological tools and other resources to locate, select and organize information</p>
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Grades 5-8

Module 1: Volcanoes—local hazard, global issue

Inv	Geography for Life	State Standard(s) Connection
1	Std 15: How physical systems affect human systems	
	Std 7: Physical processes that shape Earth	
	Std 3: Analyze spatial organization of people, places, environments	
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
	Std 3: Analyze spatial organization of people, places, environments	
	Std 7: Physical processes that shape Earth	
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
	Std 15: How physical systems affect human systems	
	Std 18: Apply geography to interpret the present and plan for the future	

Module 2: Mars and Earth—the quest for life

Inv	Geography for Life	State Standard(s) Connection
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1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
	Std 3: Analyze spatial organization of people, places, environments	
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
	Std 3: Analyze spatial organization of people, places, environments	
3	Std 4: Physical and human characteristics of places	
	Std 7: Physical processes that shape Earth	
4	Std 4: Physical and human characteristics of places	
	Std 18: Apply geography to interpret the present and plan for the future	

Module 3: Human footprints on Earth as seen by NASA scientists

Inv	Geography for Life	State Standard(s) Connection
1	Std 11: Patterns and networks of economic interdependence on Earth	
2	Std 14: Human actions modify the physical environment	
3	Std 12: Processes, patterns, and functions of human settlement	
	Std 14: Human actions modify the physical environment	
	Std 18: Apply geography to interpret the present and plan for the future	
4	Std 4: Physical and human characteristics of places	
	Std 14: Human actions modify the physical environment	
	Std 15: How physical systems affect human systems	

Module 4: Remote sensing and geoarchaeology

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	

	Std 16: Meaning, use, distribution, and importance of resources	
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	
	Std 4: Physical and human characteristics of places	

Grades 9-12

Module 1: What's up with Earth's water resources?

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 8: Characteristics and spatial distribution of ecosystems	SC 4 changes in ecosystems and interactions of organisms with their environments
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
2	Std 4: Physical and human characteristics of places	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SC 8 impact of science, technology and human activity on resources and the environment
	Std 7: Physical processes that shape Earth	SC 5 process (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
4	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere and hydrosphere

	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
	Std 18: Apply geography to interpret the present and plan for the future	<p>SS 4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand)</p> <p>SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment</p> <p>SS 6 relationships of the individual and groups to institutions and cultural traditions</p> <p>SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)</p> <p>Performance (process) Standards: Goal 1.6 discover and evaluate patterns and relationships in information, ideas and structures Goal: 1.7 evaluate the accuracy of information and the reliability of its sources</p>

Module 2: Where will your next meal come from?

Inv	Geography for Life	State Standard(s) Connection
1	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
	Std 16: Meaning, use, distribution, and importance of resources	SC 7 processes of scientific inquiry (such as formulating and testing hypotheses)
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
	Std 18: Apply geography to interpret the present and plan for the future	<p>SS 4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand)</p> <p>SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment</p> <p>SS 6 relationships of the individual and groups to institutions and cultural traditions</p> <p>SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)</p>

3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 5: Regions interpret Earth's complexity	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
	Std 9: Characteristics, distribution and migration of humans	SS 5 the major element of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment MA 3 data analysis, probability and statistics
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment Performance (process) Standards Goal 3.1 identify problems and define their scope and elements Goal 3.2 develop and apply strategies based on ways others have prevented or solved problems9

Module 3: What are the causes and consequences of climate change?

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere and hydrosphere
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
	Std 18: Apply geography to interpret the present and plan for the future	SS 4 economic concepts (including productivity and the market system) and principles (including the laws of supply and demand) SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment SS 6 relationships of the individual and groups to institutions and cultural traditions SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
2	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere, and hydrosphere
	Std 10 Characteristics, distribution, and complexity of Earth's cultural mosaics	SS 6 relationships of the individual and groups to institutions and cultural traditions
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology and human activity on resources and the environment
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	SS 7 the use of tools of social science inquiry (such as surveys, statistics, maps, documents)
	Std 7: Physical processes that shape Earth	SC 5 processes (such as plate movement, water cycle, airflow), and interactions of Earth's biosphere, atmosphere, lithosphere and hydrosphere
	Std 14: Human actions modify the physical environment	SC 8 impact of science, technology, and human activity on resources and the environment
	Std 15: How physical systems affect human systems	SS 5 the major elements of geographical study and analysis (such as location, place, movement, regions) and their relationships to changes in society and environment Performance (process) Standards: Goal 2.2 review and revise communications to improve accuracy and clarity Goal 2.7 use technological tools to exchange information and ideas

