

Mission Geography and Tennessee

Connecting Mission Geography to State Standards

Grades K-4

Module 1: Exploring our planet from above

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2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none">• Locate places using cardinal and intermediate directions and latitude and longitude.• Use map scale to measure and estimate distances.• Interpret physical features of land from symbols on maps.• Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none">• Locate places using cardinal and intermediate directions and latitude and longitude.• Use map scale to measure and estimate distances.• Interpret physical features of land from symbols on maps.• Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural

		resources.
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate places using cardinal and intermediate directions and latitude and longitude. • Use map scale to measure and estimate distances. • Interpret physical features of land from symbols on maps. • Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources.
	Std 8: Characteristics and spatial distribution of ecosystems	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate places using cardinal and intermediate directions and latitude and longitude. • Use map scale to measure and estimate distances. • Interpret physical features of land from symbols on maps. • Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources. •

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	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate places using cardinal and intermediate directions and latitude and longitude. • Use map scale to measure and estimate distances. • Interpret physical features of land from symbols on maps. • Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources.
	Std 7: Physical processes that shape Earth	<p>Standard 3: Students will identify and show an understanding of the major physical characteristics of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know that a natural region has a uniform land area, soil, climate, vegetation, and natural resources
	Std 3: Analyze spatial organization of people, places, environments	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate places using cardinal and intermediate directions and latitude and longitude. • Use map scale to measure and estimate distances. • Interpret physical features of land from symbols on maps. • Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources.
	Std 4: Physical and human characteristics of places	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their use.
3	Std 2: Use mental maps to organize information about people, places, environments	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Identify how land masses and bodies of water are represented on globes and maps. • Locate the United States and Tennessee on a map and globe. • Locate the continents and oceans on a map and globe.

	Std 7: Physical processes that shape Earth	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know land and water forms affect types of transportation. • Know individuals live in an environment and environments differ. • Understand people need shelter and shelters differ according to culture and environment. • Be aware of jobs related to working with and protecting the environment.
4	Std 7: Physical processes that shape Earth	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know land and water forms affect types of transportation. • Know individuals live in an environment and environments differ. • Understand people need shelter and shelters differ according to culture and environment. • Be aware of jobs related to working with and protecting the environment.
	Std 18: Apply geography to interpret the present and plan for the future	<p>Standard 2: Students will gain the knowledge, skills, and attitudes necessary to function effectively in a technologically expanding global economy. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Compare and contrast jobs in different communities. • Explore the worldwide exchange of goods and services through imports and exports. • Explain the necessity of importing resources needed for industry. • Discuss how communities around the world are interdependent

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	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know individuals have a space. • Develop a spatial relationship of home to school. • Describe personal connections to place, especially as associated with immediate surroundings. • Understand what a globe and map represent. • Interpret the use of symbols to represent places on graphs and maps. • Locate directions on a globe or map.
	Std 4: Physical and human characteristics of places	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate places using cardinal and intermediate directions and latitude and longitude. • Use map scale to measure and estimate distances. • Interpret physical features of land from symbols on maps. • Recognize that natural regions are represented on different types of maps by showing physical features, climate, vegetation, and natural resources.

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know individuals have a space. • Develop a spatial relationship of home to school. • Describe personal connections to place, especially as associated with immediate surroundings. • Understand what a globe and map represent. • Interpret the use of symbols to represent places on graphs and maps. • Locate directions on a globe or map.
	Std 4: Physical and human characteristics of places	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know land and water forms affect types of transportation. • Know individuals live in an environment and environments differ. • Understand people need shelter and shelters differ according to culture and environment. • Be aware of jobs related to working with and protecting the environment.
3	Std 2: Use mental maps to organize information about people, places, environments	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Identify how land masses and bodies of water are represented on globes and maps. • Locate the United States and Tennessee on a map and globe. • Locate the continents and oceans on a map and globe

	Std 17: How to apply geography to interpret the past	<p>Standard 4: Students will exhibit an understanding of the dynamic interaction between human events and the state, region, or country in which they occur. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Recognize neighborhoods began at a certain point in time and change in composition over time. • Explain the impact other cultures have had upon the history of the United States.
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know individuals have a space. • Develop a spatial relationship of home to school. • Describe personal connections to place, especially as associated with immediate surroundings. • Understand what a globe and map represent. • Interpret the use of symbols to represent places on graphs and maps. • Locate directions on a globe or map.

	Std 4: Physical and human characteristics of places	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know land and water forms affect types of transportation. • Know individuals live in an environment and environments differ. • Understand people need shelter and shelters differ according to culture and environment. • Be aware of jobs related to working with and protecting the environment.
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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	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know individuals have a space. • Develop a spatial relationship of home to school. • Describe personal connections to place, especially as associated with immediate surroundings. • Understand what a globe and map represent. • Interpret the use of symbols to represent places on graphs and maps. • Locate directions on a globe or map

	Std 14: Human actions modify the physical environment	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.
2	Std 2: Use mental maps to organize information about people, places, environments	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Locate and identify the equator, continents, oceans, and large islands on a map and globe. • Know the size, shape, boundaries, and landforms of the United States
	Std 14: Human actions modify the physical environment	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.

3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know individuals have a space. • Develop a spatial relationship of home to school. • Describe personal connections to place, especially as associated with immediate surroundings. • Understand what a globe and map represent. • Interpret the use of symbols to represent places on graphs and maps. • Locate directions on a globe or map
	Std 15: How physical systems affect human systems	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.
4	Std 15: How physical systems affect human systems	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.

	Std 18: Apply geography to interpret the present and plan for the future	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Examine the effects of technology on both humans and the environment. • Examine ways people pollute the land, water, and air. • Explain ways people depend upon land resources and evaluate decisions regarding their • use.
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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	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.

	Std 7: Physical processes that shape Earth	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain the creation of political regions as a way to interpret the Earth's complexities.
	Std 3: Analyze spatial organization of people, places, environments	<p>Standard 3: Students will identify and show an understanding of the major physical characteristics of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Understand the physical processes that shape the patterns of Earth's surface. • Analyze the characteristics and spatial distribution of ecosystems on Earth's surface. • Review the characteristics of the six physical regions of Tennessee.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. • Analyze the spatial organization of people, places, and environments on the Earth's surface.

	Std 3: Analyze spatial organization of people, places, environments	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.
	Std 7: Physical processes that shape Earth	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain the creation of political regions as a way to interpret the Earth's complexities.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. • Analyze the spatial organization of people, places, and environments on the Earth's surface.

	Std 15: How physical systems affect human systems	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.
	Std 18: Apply geography to interpret the present and plan for the future	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.

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	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. • Analyze the spatial organization of people, places, and environments on the Earth's surface
	Std 3: Analyze spatial organization of people, places, environments	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. • Analyze the spatial organization of people, places, and environments on the Earth's surface

	Std 3: Analyze spatial organization of people, places, environments	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface.
3	Std 4: Physical and human characteristics of places	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.
	Std 7: Physical processes that shape Earth	<p>Standard 2: Students will demonstrate a basic geographic knowledge through identifying and locating major physical and political features on globes and maps. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain the creation of political regions as a way to interpret the Earth's complexities.

4	Std 4: Physical and human characteristics of places	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface.
	Std 18: Apply geography to interpret the present and plan for the future	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.

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	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources.

2	Std 14: Human actions modify the physical environment	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface.
3	Std 12: Processes, patterns, and functions of human settlement	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface.
	Std 14: Human actions modify the physical environment	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources

	Std 18: Apply geography to interpret the present and plan for the future	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources. •
4	Std 4: Physical and human characteristics of places	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Know the physical and human characteristics of places. • Understand the characteristics, distribution, and migration of human populations on Earth's surface.
	Std 14: Human actions modify the physical environment	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources

	Std 15: How physical systems affect human systems	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources
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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	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. • Analyze the spatial organization of people, places, and environments on the Earth's surface

	Std 16: Meaning, use, distribution, and importance of resources	<p>Standard 5: Students will exhibit an understanding of the dynamic interaction between human and physical systems around the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Explain how human actions modify the physical environment. • Explore how physical systems affect the development of human systems. • Investigate the changes that occur in the meaning, use, distribution, and importance of natural resources
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. <p>Analyze the spatial organization of people, places, and environments on the Earth's surface</p>
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Standard 1: Students will be able to use maps, globes, and other geographic representations, tools, and technologies to acquire, process, and report information from a spatial perspective. To achieve this standard, the learner will:</p> <ul style="list-style-type: none"> • Demonstrate how to use maps and other geographic tools and techniques to acquire, process, and report information from a spatial perspective. <p>Analyze the spatial organization of people, places, and environments on the Earth's surface</p>

	Std 4: Physical and human characteristics of places	<p>Standard 4: Students will identify and demonstrate an understanding of the cultures and human patterns of places and regions of the world. To achieve this standard, the learner will:</p> <ul style="list-style-type: none">• Know the physical and human characteristics of places.• Understand the characteristics, distribution, and migration of human populations on Earth's surface
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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	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> • Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. • Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.
	Std 8: Characteristics and spatial distribution of ecosystems	<p>Element 6: The Uses of Geography</p> <ul style="list-style-type: none"> • Examine the fundamental role geographical context has played in affecting historical events. • Understand how different points of view influence the development of policies designed to use and manage Earth's resources. • Analyze a variety of contemporary issues in terms of Earth's physical and human systems.
	Std 14: Human actions modify the physical environment	<ul style="list-style-type: none"> • <p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

2	Std 4: Physical and human characteristics of places	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. Compare and contrast the cultural, economic, and political characteristics of the world's major regions
	Std 7: Physical processes that shape Earth	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) Understand that ecosystems are essential to the viability of the earth.
	Std 14: Human actions modify the physical environment	<ul style="list-style-type: none"> <p>Element 4: Human Systems</p> <ul style="list-style-type: none"> Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

	Std 15: How physical systems affect human systems	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> • Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. • Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.
	Std 14: Human actions modify the physical environment	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

	Std 15: How physical systems affect human systems	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth
4	Std 7: Physical processes that shape Earth	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth.
	Std 15: How physical systems affect human systems	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth

	Std 18: Apply geography to interpret the present and plan for the future	<p>Element 6: The Uses of Geography</p> <ul style="list-style-type: none"> • Examine the fundamental role geographical context has played in affecting historical events. • Understand how different points of view influence the development of policies designed to use and manage Earth's resources. • Analyze a variety of contemporary issues in terms of Earth's physical and human systems.
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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	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.
	Std 15: How physical systems affect human systems	<ul style="list-style-type: none"> • <p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

	Std 16: Meaning, use, distribution, and importance of resources	<p>Element 6: The Uses of Geography</p> <ul style="list-style-type: none"> • Examine the fundamental role geographical context has played in affecting historical events. • Understand how different points of view influence the development of policies designed to use and manage Earth's resources. • Analyze a variety of contemporary issues in terms of Earth's physical and human systems.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> • Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. • Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.
	Std 14: Human actions modify the physical environment	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

	Std 18: Apply geography to interpret the present and plan for the future	<p>Element 6: The Uses of Geography</p> <ul style="list-style-type: none"> • Examine the fundamental role geographical context has played in affecting historical events. • Understand how different points of view influence the development of policies designed to use and manage Earth's resources. • Analyze a variety of contemporary issues in terms of Earth's physical and human systems.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> • Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. • Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.
	Std 5: Regions interpret Earth's complexity	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth.

	<p>Std 9: Characteristics, distribution and migration of humans</p>	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions
	<p>Std 14: Human actions modify the physical environment</p>	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

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	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> • Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. • Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.
	Std 7: Physical processes that shape Earth	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth.
	Std 15: How physical systems affect human systems	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.

	Std 18: Apply geography to interpret the present and plan for the future	<p>Element 6: The Uses of Geography</p> <ul style="list-style-type: none"> • Examine the fundamental role geographical context has played in affecting historical events. • Understand how different points of view influence the development of policies designed to use and manage Earth's resources. • Analyze a variety of contemporary issues in terms of Earth's physical and human systems.
2	Std 7: Physical processes that shape Earth	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth.
	Std 10 Characteristics, distribution, and complexity of Earth's cultural mosaics	<p>Element 5: Environment and Society</p> <ul style="list-style-type: none"> • Explore and evaluate the effects of changing technologies on the Earth and its peoples. • Understand the interactions between the Earth's physical and human systems, consistent with the ideal of preserving the environment and its natural resources. • Describe human perceptions of and reactions to natural hazards. • Examine how resource development and use change over time.

	Std 14: Human actions modify the physical environment	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. Compare and contrast the cultural, economic, and political characteristics of the world's major regions.
	Std 15: How physical systems affect human systems	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. Compare and contrast the cultural, economic, and political characteristics of the world's major regions.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	<p>Element 1: The World in Spatial Terms</p> <ul style="list-style-type: none"> Use the appropriate geographic tools, including maps, other geographic representations, and technologies for gathering, categorizing, interpreting, and storing information about people, places, and environments. Understand the nature of geography as presented in the five geographic themes of location, place, relationships with places, movement, and regions.

	Std 7: Physical processes that shape Earth	<p>Element 3: Physical Systems</p> <ul style="list-style-type: none"> • Explore and assess the physical and human forces that shape the lithospheric, hydrospheric, and atmospheric features of the Earth. • Examine and explain the five basic ideas that aid in understanding the interactions and effects of physical processes. (System, Boundary, Force, State of Equilibrium and Threshold) • Understand that ecosystems are essential to the viability of the earth.
	Std 14: Human actions modify the physical environment	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.
	Std 15: How physical systems affect human systems	<p>Element 4: Human Systems</p> <ul style="list-style-type: none"> • Analyze the characteristics, distribution, and migration of human populations and observe the processes, patterns, and functions of human settlement. • Compare and contrast the cultural, economic, and political characteristics of the world's major regions.