

Mission Geography and the Connecticut Framework  
K-12 Curricular Goals and Standards  
***Connecting Mission Geography to State Standards***

**Grades K-4**

**Module 1: Exploring our planet from above**

<b>Inv.</b>	<b>Geography for Life</b>	<b>State Standard(s) Connection</b>
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 8: Characteristics and spatial distribution of ecosystems	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.

**Module 2: Water, water almost everywhere**

<b>Inv</b>	<b>Geography for Life</b>	<b>State Standard(s) Connection</b>
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 3: Analyze spatial organization of people, places, environments	Std.11: Human Systems. Students will interpret spatial patterns of human migration, economic activities and political units in Connecticut, the nation and the world.

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
3	Std 2: Use mental maps to organize information about people, places, environments	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
4	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

### 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	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
3	Std 2: Use mental maps to organize information about people, places, environments	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 17: How to apply geography to interpret the past	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.

4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

#### 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	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
2	Std 2: Use mental maps to organize information about people, places, environments	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 15: How physical systems affect human systems	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
4	Std 15: How physical systems affect human systems	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

#### 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. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.

	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 3: Analyze spatial organization of people, places, environments	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 3: Analyze spatial organization of people, places, environments	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 15: How physical systems affect human systems	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

## Module 2: Mars and Earth—the quest for life

Inv	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 3: Analyze spatial organization of people, places, environments	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std.9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical and cultural characteristics of places and world regions.
	Std 3: Analyze spatial organization of people, places, environments	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

3	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will use spatial perspective to explain the physical processes that shape the Earth's surface and its ecosystems.
4	Std 4: Physical and human characteristics of places	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environmental Interaction. Students will use geographic tools and technology to explain the interactions of humans and the larger environment, and the evolving consequences of those interactions.

### 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	Std11: Human Systems. Students will interpret spatial patterns of economic activities by examining the significance of the location of shopping malls.
2	Std 14: Human actions modify the physical environment	Std 12: Human and Environment Interactions. Students will use geographic tools to explain the evolving consequences of the interactions of humans and their environment by using NASA thermal images to understand environmental changes related to urban deforestation and the formation of urban heat islands.
3	Std 12: Processes, patterns, and functions of human settlement	Std. 11: Human Systems. Students will analyze the formation, characteristics and functions of urban settlements.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interactions. Students will identify the ways ecosystems are transformed through physical and human activities by examining the formation the urban heat island of Atlanta.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environment Interactions. Students will compare and contrast differences among maps, photographs, and satellite images for solving geographic problems by examining the causes of environmental change in Atlanta and actions that might be taken to reduce the harmful effects of that change.
4	Std 4: Physical and human characteristics of places	Std. 9: Places and Regions. Students will use spatial perspective to identify and analyze the significance of physical characteristics of places and world regions by using NASA satellite images of Brazil.

	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interactions. Students will use geographic tools to explain the interactions of humans and the larger environment by using satellite images of Brazil to provide information for interpreting, understanding, and predicting environmental change.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interactions. Students will use geographic tools to explain the interactions of humans and the larger environment by using satellite images of Brazil to provide information for interpreting, understanding, and predicting environmental change.

#### 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. 12: Human and Environment Interaction. Students will compare and contrast differences among maps and satellite images using the Chaco National Historic Site.
	Std 16: Meaning, use, distribution, and importance of resources	Std. 13: Limited Resources. Students will compare the resources used by various cultures, countries and/or regions throughout the world by examining different viewpoints about the endangered status of ancient sites and recommending future actions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps to interpret landscapes.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps and photographs to interpret landscapes.
	Std 4: Physical and human characteristics of places	Standard 9: Places and Regions. Students will use spatial perspective to understand the physical and cultural features of a region.

## 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	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems
	Std 8: Characteristics and spatial distribution of ecosystems	Std. 10: Physical Systems. Students will evaluate an ecosystem in terms of biodiversity and productivity.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
2	Std 4: Physical and human characteristics of places	Std. 9: Places and Regions. Students will explain and describe the natural and cultural characteristics of a place.
	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will explain the operation and interaction of different natural systems.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
4	Std 7: Physical processes that shape Earth	Std. 10: Physical Systems. Students will explain the operation and interaction of different natural systems.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Human and Environment Interaction. Students will apply concepts of ecosystems to understand and solve environmental problems.

### 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	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.

	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 16: Meaning, use, distribution, and importance of resources	Std. 13: Limited Resources. Students will compare the resources used by various cultures, countries and/or regions throughout the world by examining different viewpoints about the endangered status of ancient sites and recommending future actions.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Students will identify the ways ecosystems are transformed through physical and human activities, and can predict the consequences of these activities.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems.
	Std 5: Regions interpret Earth's complexity	Std. 9: Places and Regions. Students will apply the concept of region to organize the study of a complex problem.
	Std 9: Characteristics, distribution and migration of humans	Std. 11: Human Systems. Students will explain the patterns and characteristics of human migrations at various levels.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems

### 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	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems.
	Std 7: Physical processes that shape Earth	Std. 11 Physical systems. Students will explain the operation and interaction of different natural systems to understand global change.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 18: Apply geography to interpret the present and plan for the future	Std. 12: Students will identify the ways ecosystems are transformed through physical and human activities, and can predict the consequences of these activities.
2	Std 7: Physical processes that shape Earth	Std. 11 Physical systems. Students will explain the operation and interaction of different natural systems to understand global change.
	Std 10 Characteristics, distribution, and complexity of Earth's cultural mosaics	Std. 9: Places and Regions. Students will explain and describe the cultural characteristics of one place to distinguish it from another.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 12: Human and Environment Interaction. Students will use maps and data to analyze and suggest solutions to real-world problems.
	Std 7: Physical processes that shape Earth	Std. 11 Physical systems. Students will explain the operation and interaction of different natural systems to understand global change.
	Std 14: Human actions modify the physical environment	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.
	Std 15: How physical systems affect human systems	Std. 12: Human and Environment Interaction. Students will analyze how human systems interact, connect and cause changes in physical systems.