

Mission Geography and ND Social Studies Standards and Benchmarks
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	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.1 Understand and use maps, graphs, charts, globes, atlases, and computer programs to locate and organize information about people, places and events, Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.1 Read maps and understand how to use them.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Same.
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Same.
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Same
	Std 8: Characteristics and spatial distribution of ecosystems	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.5 Understand the interactions between the physical environment and human systems.

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	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 7: Physical processes that shape Earth	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.3 Understand how physical systems shape the earth.
	Std 3: Analyze spatial organization of people, places, environments	See Std. 6: 4.6.5

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 4: Physical and human characteristics of places	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.2 Understand the characteristics of various types of places and regions. 4.6.4 Understand the characteristics of human systems.
3	Std 2: Use mental maps to organize information about people, places, environments	None
	Std 7: Physical processes that shape Earth	See Std. 6: 4.6.3
4	Std 7: Physical processes that shape Earth	See Std. 6: 4.6.3
	Std 18: Apply geography to interpret the present and plan for the future	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.6 Understand the uses of geography.

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	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 4: Physical and human characteristics of places	See Std. 6: 4.6.2 4.6.4
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 4: Physical and human characteristics of places	See Std. 6: 4.6.2 4.6.4
3	Std 2: Use mental maps to organize information about people, places, environments	None
	Std 17: How to apply geography to interpret the past	See Std. 6: 4.6.6
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 4: Physical and human characteristics of places	See Std. 6: 4.6.2 4.6.4

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	See Std. 4: 4.4.1 See Std. 6: 4.6.1

	Std 14: Human actions modify the physical environment	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 4.6.5 Understand the interactions between the physical environment and human systems.
2	Std 2: Use mental maps to organize information about people, places, environments	None
	Std 14: Human actions modify the physical environment	See Std. 6: 4.6.5
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 4.4.1 See Std. 6: 4.6.1
	Std 15: How physical systems affect human systems	See Std. 6: 4.6.5
4	Std 15: How physical systems affect human systems	Same
	Std 18: Apply geography to interpret the present and plan for the future	See Std. 6: 4.6.6

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.6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 8.6.3 Understand how Earth's physical system influences human systems.
	Std 7: Physical processes that shape Earth	None
	Std 3: Analyze spatial organization of people, places, environments	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.2 Use primary and secondary sources to gather, interpret, analyze, and evaluate information related to social studies. Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 8.6.2 Understand the relationship between the characteristics of various world places and regions and historical events and people.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 8.4.1 Use various map forms, tools and technologies to acquire, process and report information related to social studies.

	Std 3: Analyze spatial organization of people, places, environments	See Std 4: 8.4.3 See Std. 6: 8.6.2
	Std 7: Physical processes that shape Earth	None
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 8.4.1dddddssss
	Std 15: How physical systems affect human systems	See Std. 6: 8.6.3
	Std 18: Apply geography to interpret the present and plan for the future	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 8.6.5 Understand how geographic methods and tools are used to interpret the past, understand the present, and plan for the future.

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	See Std. 4: 8.4.1
	Std 3: Analyze spatial organization of people, places, environments	See Std. 4: 8.4.3 See Std. 6: 8.6.2
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 8.4.1
	Std 3: Analyze spatial organization of people, places, environments	See Std. 4: 8.4.3 See Std. 6: 8.6.2
3	Std 4: Physical and human characteristics of places	Standard 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 8.6.2 Understand the relationship between the characteristics of various world places and regions and historical events and people.
	Std 7: Physical processes that shape Earth	None
4	Std 4: Physical and human characteristics of places	See Std. 6: 8.6.2
	Std 18: Apply geography to interpret the present and plan for the future	See Std. 6: 8.6.5

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

Inv	Geography for Life	State Standard(s) Connection
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1	Std 11: Patterns and networks of economic interdependence on Earth	Std. 3: ECONOMIC SYSTEMS <i>Students understand the structure of different types of economic systems and the principles that govern them.</i> 8.3.1 Understand the principles governing economic decision making at the state, national and international levels.
2	Std 14: Human actions modify the physical environment	Std. 6: GEOGRAPHY <i>Students understand geography elements as applied to social studies.</i> 8.6.4 Understand how human activity affects the physical environment.
3	Std 12: Processes, patterns, and functions of human settlement	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 8.6.3 Understand how Earth's physical system influences human systems.
	Std 14: Human actions modify the physical environment	See Std. 6: 8.6.4
	Std 18: Apply geography to interpret the present and plan for the future	See Std. 6: 8.6.5
4	Std 4: Physical and human characteristics of places	See Std. 6: 8.6.2
	Std 14: Human actions modify the physical environment	See Std. 6: 8.6.4
	Std 15: How physical systems affect human systems	See Std. 6: 8.6.3

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	See Std. 4: 8.4.1
	Std 16: Meaning, use, distribution, and importance of resources	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 8.4.2 Use primary and secondary sources to gather, interpret, analyze, and evaluate information related to social studies.
	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 8.4.1
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	Same
	Std 4: Physical and human characteristics of places	See Std. 6: 8.6.2

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. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.1 Use primary sources to analyze, interpret, evaluate, or synthesize information.
	Std 8: Characteristics and spatial distribution of ecosystems	See Std. 4: 12.4.1 Std. 4 12.4.1 Use technology to access, record, and analyze information related to social studies. 12.4.3 Use technology to access, record, and analyze information related to social studies. Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 12.6.3 Know the characteristics and uses of geographic tools and use these tools to organize and communicate information.
	Std 14: Human actions modify the physical environment	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 12.6.2 Understand the interactions of geography and the physical and human environment.
2	Std 4: Physical and human characteristics of places	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 12.6.3 Know the characteristics and uses of geographic tools and use these tools to organize and communicate information.
	Std 7: Physical processes that shape Earth	None
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2
	Std 15: How physical systems affect human systems	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 12.6.2 Understand the interactions of geography and the physical and human environment.
	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 12.4.1
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2

	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2
4	Std 7: Physical processes that shape Earth	None
	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2
	Std 18: Apply geography to interpret the present and plan for the future	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.1 Use primary sources to analyze, interpret, evaluate, or synthesize information related to social studies. 12.4.3 Use technology to access, record, and analyze information related to social studies.

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	See Std. 6: 12.6.2
	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2
	Std 16: Meaning, use, distribution, and importance of resources	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.1 Use primary sources to analyze, interpret, evaluate, or synthesize information related to social studies. 12.4.3 Use technology to access, record, and analyze information related to social studies.
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 12.4.1
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2
	Std 18: Apply geography to interpret the present and plan for the future	See Std. 4: 12.4.1 12.4.3
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 12.4.1
	Std 5: Regions interpret Earth's complexity	Std. 6: GEOGRAPHY <i>Students understand geographic elements as applied to social studies.</i> 12.6.3 Know the characteristics and uses of geographic tools and use these tools to organize and communicate information

	Std 9: Characteristics, distribution and migration of humans	Std. 4: SOCIAL STUDIES RESOURCES <i>Students use social studies resources for a variety of purposes.</i> 12.4.1 Use primary sources to analyze, interpret, evaluate, or synthesize information related to social studies.
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2

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	See Std. 4: 12.4.1
	Std 7: Physical processes that shape Earth	None
	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2
	Std 18: Apply geography to interpret the present and plan for the future	See Std. 4: 12.4.1 12.4.3
2	Std 7: Physical processes that shape Earth	None
	Std 10 Characteristics, distribution, and complexity of Earth's cultural mosaics	Std. 7: CULTURE <i>Students understand the importance of culture.</i> 12.7.1 Understand how variations in the elements of culture lead to diversity among cultures. 12.7.2 Understand the role of the humanities, religion, and beliefs in defining and preserving culture.
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2
	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	See Std. 4: 12.4.1
	Std 7: Physical processes that shape Earth	None
	Std 14: Human actions modify the physical environment	See Std. 6: 12.6.2
	Std 15: How physical systems affect human systems	See Std. 6: 12.6.2