Connecting Mission Geography to State Standards
Alignment to Wisconsin Geography Standards

Grades K-4

WISCONSIN STANDARD A: GEOGRAPHY: PEOPLE, PLACES, AND ENIRONMENTS

Website for Wisconsin Standards: Http://www.dpi/state.wi.us/standards/ssa4.html

FOURTH GRADE

Performance Standards

By the end of **grade four**, students will:

A.4.1 Use reference points, latitude and longitude, direction, size, shape, and scale to locate positions on various representations of the earth's surface

A.4.2 Locate on a map or globe physical features such as continents, oceans, mountain ranges, and land forms, natural features such as resources, flora, and fauna; and human features such as cities, states, and national borders

A.4.3 Construct a map of the world from memory, showing the location of major land masses, bodies of water, and mountain ranges

A.4.4 Describe and give examples of ways in which people interact with the physical environment, including use of land, location of communities, methods of construction, and design of shelters

A.4.5 Use atlases, databases, grid systems, charts, graphs, and maps to gather information about the local community, Wisconsin, the United States, and the world

A.4.6 Identify and distinguish between predictable environmental changes, such as weather patterns and seasons, and unpredictable changes, such as floods and droughts, and describe the social and economic effects of these changes

A.4.7 Identify connections between the local community and other places in Wisconsin, the United States, and the world

A.4.8 Identify major changes in the local community that have been caused by human beings, such as a construction project, a new highway, a building torn down, or a fire; discuss reasons for these changes; and explain their probable effects on the community and the environment

A.4.9 Give examples to show how scientific and technological knowledge has led to environmental changes, such as pollution prevention measures, air-conditioning, and solar heating

Module 1: Exploring our planet from above
Students will learn about geography through the study of the relationships among people, places and the environments.

Inv.	Geography for Life	State Standard(s) Connection
1	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.2** **A.4.5**
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.2** **A.4.5**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.2** **A.4.5**
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.2** **A.4.5**

	Std 8: Characteristics and spatial distribution of ecosystems	**A.4.2** **A.4.4**

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	**A.4.1** **A.4.2** **A.4.4**
	Std 7: Physical processes that shape Earth	**A.4.4** **A.4.6**
	Std 3: Analyze spatial organization of people, places, environments	**A.4.4**
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.1** **A.4.2** **A.4.4**
	Std 4: Physical and human characteristics of places	**A.4.2** **A.4.3** **A.4.4** **A.4.6**
3	Std 2: Use mental maps to organize information about people, places, environments	**A.4.3**
	Std 7: Physical processes that shape Earth	**A.4.4** **A.4.6**
4	Std 7: Physical processes that shape Earth	**A.4.4** **A.4.6**

	Std 18: Apply geography to interpret the present and plan for the future	**A.4.4** **A.4.5** **A.4.7** **A.4.9**

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	**A.4.1** **A.4.2** **A.4.4**
	Std 4: Physical and human characteristics of places	**A.4.2** **A.4.3** **A.4.4** **A.4.6**
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.1** **A.4.2** **A.4.4**
	Std 4: Physical and human characteristics of places	**A.4.2** **A.4.3** **A.4.4** **A.4.6**
3	Std 2: Use mental maps to organize information about people, places, environments	**A.4.3**
	Std 17: How to apply geography to interpret the past	**A.4.4** **A.4.8** **A.4.9**
4	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.1** **A.4.2** **A.4.4**

	Std 4: Physical and human characteristics of places	**A.4.2** **A.4.3** **A.4.4** **A.4.6**

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	**A.4.1** **A.4.2** **A.4.4**
	Std 14: Human actions modify the physical environment	**All except 4.1 and 4.3**
2	Std 2: Use mental maps to organize information about people, places, environments	**A.4.3**
	Std 14: Human actions modify the physical environment	**All except 4.1 and 4.3**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.4.1** **A.4.2** **A.4.4**
	Std 15: How physical systems affect human systems	**A.4.4** **A.4.5** **A.4.6**
4	Std 15: How physical systems affect human systems	**A.4.4** **A.4.5** **A.4.6**

	Std 18: Apply geography to interpret the present and plan for the future	**A.4.4** **A.4.5** **A.4.7** **A.4.9**

Grades 5-8

EIGHTH GRADE

Performance Standards

By the end of **grade eight**, students will:

A.8.1 Use a variety of geographic representations, such as political, physical, and topographic maps, a globe, aerial photographs, and satellite images, to gather and compare information about a place

A.8.2 Construct mental maps of selected locales, regions, states, and countries and draw maps from memory, representing relative location, direction, size, and shape

A.8.3 Use an atlas to estimate distance, calculate scale, identify dominant patterns of climate and land use, and compute population density

A.8.4 Conduct a historical study to analyze the use of the local environment in a Wisconsin community and to explain the effect of this use on the environment

A.8.5 Identify and compare the natural resource bases of different states and regions in the United States and elsewhere in the world, using a statistical atlas, aerial photographs, satellite images, and computer databases

A.8.6 Describe and distinguish between the environmental effects on the earth of short-term physical changes, such as those caused by floods, droughts, and snowstorms, and long-term physical changes, such as those caused by plate tectonics, erosion, and glaciation

A.8.7 Describe the movement of people, ideas, diseases, and products throughout the world

A.8.8 Describe and analyze the ways in which people in different regions of the world interact with their physical environments through vocational and recreational activities

A.8.9 Describe how buildings and their decoration reflect cultural values and ideas, providing examples such as cave paintings, pyramids, sacred cities, castles, and cathedrals

A.8.10 Identify major discoveries in science and technology and describe their social and economic effects on the physical and human environment

A.8.11 Give examples of the causes and consequences of current global issues, such as the expansion of global markets, the urbanization of the developing world, the consumption of natural resources, and the extinction of species, and suggest possible responses by various individuals, groups, and nations

---

Module 1: Volcanoes—local hazard, global issue

Inv	Geography for Life	State Standard(s) Connection
1	Std 15: How physical systems affect human systems	**A.8.1** **A.8.3** **A.8.6** **A.8.8**
	Std 7: Physical processes that shape Earth	**A.8.3** **A.8.4** **A.8.6** **A.8.11**
	Std 3: Analyze spatial organization of people, places, environments	**A.8.1** **A.8.3**

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.8.1** **A.8.3** **A.8.5**
	Std 3: Analyze spatial organization of people, places, environments	**A.8.1** **A. 8.3**
	Std 7: Physical processes that shape Earth	**A.8.3** **A.8.4** **A.8.6** **A.8.11**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A. 8.1** **A.8.3** **A.8.5**
	Std 15: How physical systems affect human systems	**A.8.1** **A.8.3** **A.8.6** **A. 8.8**
	Std 18: Apply geography to interpret the present and plan for the future	**A. 8.7** **A.8.8** **A.8.10** **A.8.11**

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	**A. 8.1** **A.8.3** **A.8.5**
	Std 3: Analyze spatial organization of people, places, environments	**A.8.1** **A.8.3**

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.8.1** **A.8.3** **A.8.5**
	Std 3: Analyze spatial organization of people, places, environments	**A.8.1** **A. 8.3**
3	Std 4: Physical and human characteristics of places	**A.8.4** **A.8.6** **A.8.7** **A.8.8** **A.8.9**
	Std 7: Physical processes that shape Earth	**A.8.3** **A.8.4** **A.8.6** **A.8.11**
4	Std 4: Physical and human characteristics of places	**A.8.4** **A.8.6** **A.8.7** **A.8.8**
	Std 18: Apply geography to interpret the present and plan for the future	**A.8.7** **A.8.8** **A.8.10** **A.8.11**

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	**A.8.1** **A.8.3** **A.8.5**
2	Std 14: Human actions modify the physical environment	**A.8.2**

3	Std 12: Processes, patterns, and functions of human settlement	**A.8.1- A.8.8** **A.8.10** **A.8.11**
	Std 14: Human actions modify the physical environment	**All**
	Std 18: Apply geography to interpret the present and plan for the future	**A.8.7** **A.8.8** **A.8.10** **A.8.11**
4	Std 4: Physical and human characteristics of places	**A.8.4** **A.8.6** **A.8.7** **A.8.8** **A.8.9**
	Std 14: Human actions modify the physical environment	**All**
	Std 15: How physical systems affect human systems	**A.8.1** **A.8.3** **A.8.6** **A.8.8**

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	**A.8.1** **A.8.3** **A.8.5**
	Std 16: Meaning, use, distribution, and importance of resources	**A.8.1** **A.8.5** **A.8.7** **A.8.8** **A.8.10**

2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.8.1** **A.8.3** **A.8.5**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.8.1** **A.8.3** **A.8.5**
	Std 4: Physical and human characteristics of places	**A.8.4** **A.8.6**

TWELFTH GRADE

Performance Standards

By the end of **grade twelve**, students will:

A.12.1 Use various types of atlases and appropriate vocabulary to describe the physical attributes of a place or region, employing such concepts as climate, plate tectonics, volcanism, and landforms, and to describe the human attributes, employing such concepts as demographics, birth and death rates, doubling time, emigration, and immigration

A.12.2 Analyze information generated from a computer about a place, including statistical sources, aerial and satellite images, and three-dimensional models

A.12.3 Construct mental maps of the world and the world's regions and draw maps from memory showing major physical and human features

A.12.4 Analyze the short-term and long-term effects that major changes in population in various parts of the world have had or might have on the environment

A.12.5 Use a variety of geographic information and resources to analyze and illustrate the ways in which the unequal global distribution of natural resources influences trade and shapes economic patterns

A.12.6 Collect and analyze geographic information to examine the effects that a geographic or environmental change in one part of the world, such as volcanic activity, river diversion, ozone depletion, air pollution, deforestation, or desertification, may have on other parts of the world

A.12.7 Collect relevant data to analyze the distribution of products among global markets and the movement of people among regions of the

world

A.12.8 Identify the world's major ecosystems and analyze how different economic, social, political, religious, and cultural systems have adapted to them

A.12.9 Identify and analyze cultural factors, such as human needs, values, ideals, and public policies, that influence the design of places, such as an urban center, an industrial park, a public project, or a planned neighborhood

A.12.10 Analyze the effect of cultural ethics and values in various parts of the world on scientific and technological development

A.12.11 Describe scientific and technological development in various regions of the world and analyze the ways in which development affects environment and culture

A.12.12 Assess the advantages and disadvantages of selected land use policies in the local community, Wisconsin, the United States, and the world

A.12.13 Give examples and analyze conflict and cooperation in the establishment of cultural regions and political boundaries

---

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	**A.12.1** **A.12.2**
	Std 8: Characteristics and spatial distribution of ecosystems	**A.12.6** **A.12.8** **A.12.9** **A.12.11** **A.12.12**

	Std 14: Human actions modify the physical environment	**ALL**
2	Std 4: Physical and human characteristics of places	**A.12.1** **A.12.6** **A.12.9** **A.12.11**
	Std 7: Physical processes that shape Earth	**A.12.1** **A.12.6** **A.12.8**
	Std 14: Human actions modify the physical environment	**ALL**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.12.1** **A.12.2**
	Std 14: Human actions modify the physical environment	**ALL**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
4	Std 7: Physical processes that shape Earth	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**

	Std 18: Apply geography to interpret the present and plan for the future	**A.12.1** **A.12.5** **A.12.6** **A.12.7** **A.12.10** **A.12.11** **A.12.13**

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	**ALL**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
	Std 16: Meaning, use, distribution, and importance of resources	**A.12.5** **A.12.12**
2	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.12.1** **A.12.2**
	Std 14: Human actions modify the physical environment	**ALL**
	Std 18: Apply geography to interpret the present and plan for the future	**A.12.1** **A.12.5** **A.12.6** **A.12.7** **A.12.10** **A.12.11** **A.12.13**

3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.12.1** **A.12.2**
	Std 5: Regions interpret Earth's complexity	**ALL BUT A.12.4, A.12.10**
	Std 9: Characteristics, distribution and migration of humans	**A.12.2** **A.12.4** **A.12.7** **A.12.8** **A.12.9** **A.12.11** **A.12.12** **A.12.13**
	Std 14: Human actions modify the physical environment	**ALL**

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	**A.12.1** **A.12.2**
	Std 7: Physical processes that shape Earth	**A.12.1** **A.12.6** **A.12.8**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
	Std 18: Apply geography to interpret the present and plan for the future	**A.12.1** **A.12.5** **A.12.6** **A.12.7** **A.12.10** **A.12.11** **A.12.13**
2	Std 7: Physical processes that shape Earth	**A.12.1** **A.12.6** **A.12.8**
	Std 10 Characteristics, distribution, and complexity of Earth's cultural mosaics	**A.12.2** **A.12.4** **A.12 6** **A.12.7** **A.12.8** **A.12.9** **A.12.11** **A.12.13**

	Std 14: Human actions modify the physical environment	**ALL**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**
3	Std 1: Use maps to acquire, process, and report information from a spatial perspective	**A.12.1** **A.12.2**
	Std 7: Physical processes that shape Earth	**A.12.1** **A.12.6** **A.12.8**
	Std 14: Human actions modify the physical environment	**ALL**
	Std 15: How physical systems affect human systems	**A.12.1** **A.12.5** **A.12.6** **A.12.8**