

Geography

State Standard Number	State Standard Area/Description	Unit Name	Course Topic Description
SG	Spatial Geography		
SG.1.WG	Students shall analyze information about people, places, and the environment using maps, globes, atlases, and available technology.	1. Introduction	Section B
SG.1.WG.1	Explain the importance of the Earth's grid system	1. Introduction	Section B
SG.1.WG.2	Develop an Earth grid system using major lines of latitude and longitude and the north and south poles	1. Introduction	Section B
SG.1.WG.3	Compute the difference in time around the world using lines of longitude	1. Introduction	Section B
SG.1.WG.4	Interpret a variety of maps and images (e.g., topographical map, physical, climate, political, highway, thematic map)	1. Introduction	Section B
SG.1.WG.5	Evaluate reasons for choosing a specific technology (e.g., aerial photography, satellite-produced imagery, Landsat, Geographic Information System) to analyze selected geographic problems (e.g., pollution, deforestation, overpopulation)	1. Introduction	Introduction
SG.1.WG.6	Critique maps that illustrate biased points of view (e.g., political, military, historical)		
SG.1.WG.7	Analyze factors that shape a person's mental map (e.g., mass media, geographic education, prejudices, travel experience, literature)	1. Introduction	Section A
SG.1.WG.8	Identify ways in which mental maps influence human decisions about location, settlement, and public policy		

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SG.1.WG.9	Create maps, graphs, or charts to illustrate information about people, places, and the environment using data collected from primary and secondary sources		
PR	Places and Regions		
PR.2.WG	Students shall investigate the physical characteristics of places and regions.	1. Introduction	Section C
PR.2.WG.1	Examine the physical characteristics that constitute a region (e.g., desert, rainforest, plateau, savanna, tundra)	1. Introduction	Section C
PR.2.WG.2	Explain the concept of region as a way of categorizing, interpreting, and ordering complex information about the Earth:	1. Introduction	Section C
PR.2.WG.2.a	climatic	1. Introduction	Section C
PR.2.WG.2.b	political	1. Introduction	Section C

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PR.2.WG.2.c	agricultural	1. Introduction	Section C
PR.2.WG.2.d	economic	1. Introduction	Section C
PR.2.WG.2.e	perceptual	1. Introduction	Section C
PR.2.WG.3	Analyze physical changes in regions and the factors that lead to those changes (e.g., Aral Sea, Three Gorges Dam, Dust Bowl)	1. Introduction	Section C
PR.2.WG.4	Research the physical characteristics of places/regions which must be considered before developing an area (e.g., floodplain, coastal flood zone, earthquake zone, river crossing, volcanic regions)		
PR.2.WG.5	Explain physical processes that create specific physical characteristics (e.g., climate, erosion, tectonics)	1. Introduction	Section C
PS	Physical Systems	1. Introduction	Section C
PS.3.WG	Students shall analyze the physical systems of the Earth.	1. Introduction	Section C

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PS.3.WG.1	Categorize the features of the following physical system:		
PS.3.WG.1.a	lithosphere	1. Introduction	Section C
PS.3.WG.1.b	biosphere	1. Introduction	Section C
PS.3.WG.1.c	hydrosphere	1. Introduction	Section C
PS.3.WG.1.d	atmosphere	1. Introduction	Section C
PS.3.WG.2	Describe the effects of the tilt of the Earth's axis on the cycle of the seasons in the northern and southern hemispheres (e.g., equinox, solstice)	1. Introduction	Section C
PS.3.WG.3	Analyze the influence of weather and climate on the geography of a place (e.g., El Nino, Ice Age, tornado, hurricane)	1. Introduction	Section C
PS.3.WG.4	Explain the differences for the distribution pattern of the world's climates (e.g., ocean currents, wind currents, landforms)	1. Introduction	Section C

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PS.3.WG.5	Investigate the major physical processes that produce landforms using available technology (e.g., erosion, earthquakes, fold, fault, volcanic eruptions)	1. Introduction	Section C
HS	Human Systems		
HS.4.WG	Students shall analyze the influence of cooperation and conflict on the division of the Earth's surface.	2. North America	Section C
HS.4.WG.1	Discuss reasons for worldwide population trends (e.g., food supply, health care, disease control, employment)	2. North America	Section C
HS.4.WG.2	Analyze the push factors and pull factors that influenced human migration (e.g., political conditions, economic incentives, religion, and family ties)	2. North America	Section C
HS.4.WG.3	Analyze the changing structure and functions of population centers over time (e.g., growth of suburbs, lack of housing, loss of farm land, city services)	2. North America	Section C
HS.4.WG.4	Describe problems that arose in creating trade routes which were influenced by physical features (e.g., Silk Road, Suez Canal, Panama Canal)	3. Central America	Section D
HS.4.WG.5	Construct a distribution pattern of the world's races, religions, and languages to determine sources of geographic conflict		

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HS.4.WG.6	Investigate cultural cooperation or conflict which can cause changes in a region (e.g., Crusades, creation of Israel and Pakistan, Balkans, Tibet, European Union)		
HS.5.WG	Students shall examine the role of culture on human systems.	1. Introduction	Section D
HS.5.WG.1	Examine the cultural changes introduced by various ethnic groups within regions	1. Introduction	Section D
HS.5.WG.2	Compare and contrast cultural differences in religions, languages, gender roles, and political systems	1. Introduction	Section D
HS.5.WG.3	Evaluate the spread of cultural traits, which have contributed to cultural convergence (e.g., fast-food franchises, English language, fashion and music trends)	1. Introduction	Section D
HS.5.WG.4	Describe transportation and communication technologies, which have contributed to cultural convergence (e.g., computers, jet aircraft, electronic media, satellite links)	2. North America	Section D
HS.5.WG.5	Examine the cultural characteristics that link regions (e.g., British Commonwealth, Latin America, Southeast Asia)	2. North America	Section C
HS.5.WG.6	Examine the cultural factors that have promoted political change (e.g., break up of the Soviet Union, Sub-Saharan Africa, Balkan Crisis, Middle East, Northern Ireland, Asian revolutions)	6. Eastern Europe and Russia	Section C

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HS.6.WG	Students shall examine the role of geography on economic development.	2. North America	Section A
HS.6.WG.1	Compare and contrast the influences of major economic structures on human systems (e.g., barter economy, command economy, market economy, developed countries, developing countries)	2. North America	Section A
HS.6.WG.2	Explain economic development in terms of primary economic, secondary economic, and tertiary economic activities as determined by geographic region	2. North America	Section A
HS.6.WG.3	Analyze the relationship between a country's infrastructure and its level of development		
HS.6.WG.4	Examine global trade routes before and after the development of major canals	3. Central America	Section D
HS.6.WG.5	Develop hypotheses to explain changes that occurred in world trade patterns over time		
HS.6.WG.6	Investigate the economic interdependence of countries and regions over time (e.g., North American Free Trade Agreement, Organization of Petroleum Exporting Countries, European Union, outsourcing)	10. India and the Middle East	Section E
ES	Environment and Society		

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ES.7.WG	Students shall analyze human interaction with the physical environment.	1. Introduction	Section D
ES.7.WG.1	Survey ways that people have been influenced by the physical environment	1. Introduction	Section D
ES.7.WG.2	Research naturally occurring, hazardous events and their impact on humans using available technologies (e.g., tornadoes, fire, flood, earthquakes, hurricanes, volcanic eruptions)	2. North America	Section B
ES.7.WG.3	Evaluate human activities, which have a negative effect on the environment (e.g., pollution, deforestation, global warming, desertification, depletion of certain plant and animal species)	2. North America	Section D
ES.7.WG.4	Investigate ways in which technology has expanded the capacity of humans to modify the physical environment	2. North America	Section D
ES.7.WG.5	Analyze the changes in the physical environment that have modified the capacity to support and feed humans	2. North America	Section D
ES.7.WG.6	Analyze different points of view on the use of renewable resources and non-renewable resources	1. Introduction	Section D
ES.7.WG.7	Investigate various energy management plans which emphasize conservation	2. North America	Section D

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ES.7.WG.8	Examine human impact on the depletion of ocean and coastal resources	8. South East Asia and the Pacific	Section D
AG	Application of Geography		
AG.8.WG	Students shall analyze local, regional, and international policies or phenomenon from a geographic perspective.		
AG.8.WG.1	Examine the diffusion of a phenomenon and the impact on regions of contact (e.g., spread of bubonic plague, use of tobacco, AIDS)	9. Africa	Section D
AG.8.WG.2	Discuss different points of view on a particular geographic issue	9. Africa	Section C
AG.8.WG.3	Research various special interest groups and their environmental policies	3. Central America	Section D
AG.8.WG.4	Evaluate the impact of tourism on developing countries	3. Central America	Section D
AG.8.WG.5	Explore the role of international political organizations in protecting the environment (e.g., United Nations, European Union, Organization for Petroleum Exporting Countries)		

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AG.8.WG.6	Investigate the possible consequences of a world temperature fluctuation on humans, other living things, and physical systems	7. East Asia	Section D
AG.8.WG.7	Explain various ways places are made distinctive and meaningful by altering physical features (e.g., terracing, interstate highway system, Trans-Siberian Railroad, dams, canals, irrigation systems)	3. Central America	Section D