Curriculum Map

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| **Course Title: World Geography** | **Quarter:** 1 | **Academic Year:** 2011-2012 |

**Essential Questions for this Quarter:**

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| 1. Through the study of Geography, how do the processes that shape the Earth, the relationships between people and environments, and the links between people and places help build a global prospective and understand the connections between global and local event? 2. How the physical, historical, cultural, and economic similarities of the United States and Canada enable each of the countries to maintain both local and global relationships? |

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| **Unit/Time Frame**  Front Matter – Basic Map Components  (1 Week)  Unit 1: Physical & Human Geography  (4 Weeks)  *Chapter 1: Exploring Geography*   1. The Study of Geography 2. Changes Within the Earth 3. Changes on the Earth’s Surface   *Chapter 2: Climates and Ecosystems*   1. Weather and Climate 2. Ecosystems   *Chapter 3: Population and Culture*   1. The Study of Human Geography 2. Political and Economic Systems   *Chapter 4: Resources and Land Use*   1. World Resources 2. World Economic Activity   Unit 2: The United States and Canada  (4 Weeks)  *Chapter 5: Regional Atlas: Introduction to the United States and Canada*  5.1 Historical Overview  5.2 Physical Characteristics  5.3 Climates  5.4 Ecosystems  5.5 People and Cultures  5.6 Economics, Technology, and Environment  5.7 Database  *Chapter 6: A Profile of the United States*  6.1 A Resource-Rich Nation  6.2 A Nation of Cities  *Chapter 7: Regions of the United States*  7.1 The Northeast  7.2 The South  7.3 The Midwest  7.4 The West  *Chapter 8: Canada*  8.1 Regions of Canada  8.2 The Search for National Identity  8.3 Canada Today | **Standards**  Content Standards  [WG 1.1](#WG11)  [WG 1.2](#WG12)  [WG 1.3](#WG13)  [WG 1.4](#WG14)  [WG 1.5](#WG15)  [WG 1.6](#WG16)  [WG 1.7](#WG17)  Literacy Standards  [9-10. WH.6](#WH6)  [9-10. WH.8](#WH8)  [9-10. WH.9](#WH9)  Content Standards  [WG 2.1](#WG21)  [WG 2.2](#WG22)  [WG 2.5](#WG25)  [WG 3.1](#WG31)  [WG 3.2](#WG32)  [WG 3.3](#WG33)  [WG 3.4](#WG34)  [WG 3.5](#WG35)  Reading Standards  [9-10.RH.7](#RH7)  [9-10.RH.8](#RH8)  [9-10.RH.9](#RH9)  Writing Standards  [9-10.WH.4](#WH4)  [9-10.WH.5](#WH5)  [9-10.WH.6](#WH6)  Content Standards  [WG 3.1](#WG31)  [WG 3.2](#WG32)  Literacy Standards  [9-10.RH.4](#RH4)  [9-10.RH.7](#RH7)  Writing Standards  [9-10.WH.4](#WH4)  [9-10.WH.5](#WH5)  [9-10.WH.6](#WH6)  Content Standards  [WG 2.2](#WG22)  [WG 2.3](#WG23)  [WG 2.4](#WG24)  [WG 2.5](#WG25)  [WG 4.2](#WG42)  [WG 4.3](#WG43)  [WG 4.5](#WG45)  [WG 4.6](#WG46)  [WG 4.7](#WG47)  [WG 4.10](#WG410)  [WG 4.12](#WG412)  Literacy Standards  [9-10.RH.7](#RH7)  [9-10.RH.8](#RH8)  [9-10.RH.9](#RH9)  9[-10.RH.10](#RH10)  Writing Standards  [9-10.WH.4](#WH4)  [9-10.WH.5](#WH5)  [9-10.WH.6](#WH6)  Content Standards  [WG 2.2](#WG22)  [WG 2.3](#WG23)  [WG 2.4](#WG24)  [WG 2.5](#WG25)  [WG 4.2](#WG42)  [WG 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System) * Places & Regions * Plate Tectonics * Earth’s Physical Processes * Pangea * Mechanical Weathering * Chemical Weathering * Erosion * Climate types * Precipitation types * Earth’s revolution and the Seasons * Climate Regions * Ecosytems * Biomes * Effects on environment * Human effect on ecosystems * Definition of Culture * Population Density * Population Growth * Culture Hearths * World Religions * Political Systems * Economic Systems * Natural resources * Energy sources * Economic Activities * Global Trade Patterns * Level of Development * Physical characteristics of the region. * Climates of the region * Economic activities of the region. * Ecosystems of the region. * Gross national product * Telecommunications * Hierarchy of cities and surrounding areas * transportation * Megalopolis * Ecosystems of the United States * Sunbelt * The Nation’s Breadbasket * Farming Technology * Natural Resources and the Economy * Provinces and Territories of Canada * French Culture * History of Canada * Canadian Links to the United States * Canadian Links to the World | **Skills**   * Identify places and points on grid system * Recommend what type of map to use given a set of data * List the five themes of Geography * Define which tools Geographers use and analyze how they use them * Describe the relationship of physical processes of the Earth * Compare and contrast climate types * Compare and contrast ecosystems * Outline the negative and positive effects that humans’ have had on the environment * Analyze the factors that help develop a culture. * Theorize how a population changes based on the type of government it has. * Define the two types of natural resources – renewable and nonrenewable. * List and identify the levels of economic activity. * Predict how a country’s level of development affects their relation with other countries. * Describe significant events and developments in the history of the United States and Canada * Identify major physical characteristics of the U.S. and Canada * Compare climate regions in the U.S. and Canada * Discuss elements of culture in the U.S. and Canada * Identify how the economy, technology, and the environment interact in the United States and Canada * Describe how natural resources promote the economic success of the United States * Discuss how respect for individual freedoms encourages economic growth * Identify the ways in which metropolitan areas in the United States have been affected by changes in transportation technology * Describe the development of industry in the Northeast * Discuss how changes in the South have led to the growth of cities * Identify the reasons farming has become big business * Describe how geography and distance have affected where people live and work in the West * List the economic activities of the Canadian provinces * Explain how climate and location have affected the development of the northern territories * Identify the historical roots of Canada’s major culture groups * Identify the challenges to future development that Canada faces today | **Assessment**   * Worksheet * Test * Fill In Maps * Worksheet * Test * Section Quizzes * Group Project * Worksheet * Section Quizzes * Test * Review games * Worksheet * Section Quizzes * Test * Review games * Worksheet * Section Quizzes * Test * Review games * Worksheet * Chapter Quiz * Atlas Activity * Review Games * Worksheet * Chapter Quiz * Review Games * Worksheet * Chapter Quiz * Review Games * Worksheet * Chapter Quiz * Unit Study Guide * Unit Test * Review Games | **Resources**   * Latitude Longitude Worksheet * World Atlas Activity – Finding the major oceans, continents, countries and cities * Computer * Google Earth * Chapter 1 Worksheet * Chapter 1 Quiz * Chapter 1 Power Point * Computer * Google Earth * Project identifying the types of plate tectonics * Chapter 2 Worksheet * Chapter 2 Quiz * Computer * Chapter 2 Power Point * Chapter 1 & 2 Test * Chapter 3 Worksheet * Chapter 3 Quiz * Computer * Chapter 3 Power Point * Chapter 4 Worksheet * Chapter 4 Quiz * Computer * Chapter 4 Power Point * Chapter 3 & 4 Test * Chapter 5 Worksheet * Chapter 5 Quiz * Unit 2 Map Test * Computer * Disposal of Toxic Waste Game * Where Is The World’s Fair Game * Chapter 6 Worksheet * Chapter 6 Quiz * Chapter 7 Worksheet * Chapter 7 Quiz * Chapter 8 Worksheet * Chapter 8 Quiz * Computer * Unit 2 Test * “Sunken Treasure” Review Game PowerPoint * “Connect Four” Review Game PowerPoint |

Standard 1  
The World in Spatial Terms

Students will acquire a framework for examining the world in spatial terms. They will use and evaluate maps, globes, atlases and grid-referenced technologies, such as remote sensing, Geographic Information Systems (GIS)\* and Global Positioning Systems (GPS)\*, to acquire, evaluate, analyze and report information about people, places and environments on Earth’s surface.

WG.1.1 Explain Earth’s grid system and locate places using degrees of latitude and longitude. Use Earth’s grid to examine important human issues, such as where particular crops can be grown and what animals can be domesticated in particular areas.

WG.1.2 Demonstrate that, as an attempt to represent the round Earth on flat paper, all maps distort. Be able to evaluate distortions associated with any given projection.

WG.1.3 Evaluate the source of particular maps to determine possible biases contained in them.

WG.1.4 Create and compare mental maps or personal perceptions of places. Explain how experiences and culture influence these perceptions and identify ways in which mental maps influence decisions. (Individuals, Society and Culture)

WG.1.5 Use locational technology such as remote sensing, Global Positioning Systems (GPS) and Geographic Information Systems (GIS), to establish spatial relationships.

**Example:** Use GIS to examine the spatial relationship between pollution and infant mortality.

WG.1.6 Evaluate the applications of geographic tools (locational technologies) and supporting technologies to serve particular purposes.

**Example:** Assess the role played by maps in the exploration of Polar Regions.

WG.1.7 Ask geographic questions\* and obtain answers from a variety of sources, such as books, atlases and other written materials; statistical source material; fieldwork and interviews; remote sensing; and GIS. Reach conclusions and give oral, written, graphic and cartographic expression to conclusions.

\* Global Positioning Systems (GPS): systems of satellites and ground stations used to locate precise points on the surface of Earth

\* Geographic Information Systems (GIS): information technology systems used to store, analyze, manipulate and display a wide range of geographic information

\* geographic question: a question that asks “Where?” and “Why there?”

Standard 2  
Places and Regions\*

Students will acquire a framework for thinking geographically about places and regions. They will identify the physical and human characteristics of places and regions. They will understand that people create regions to interpret Earth’s complexity, and how culture and experience influence people’s perception of places and regions.

WG.2.1 Name and locate the world’s continents, major bodies of water, major mountain ranges, major river systems, all countries and major cities.

WG.2.2 Give examples of how and why places and regions change or do not change over time.

**Example:** Changing settlement patterns in the American Southwest, the impact of technology on the growth of agricultural areas, and the changing location of manufacturing areas

WG.2.3 Give examples and analyze ways in which people’s changing views of places and regions reflect cultural changes.

**Example:** The migration from urban cores to suburbs and the subsequent revitalization of these urban cores

WG.2.4 Explain how the concept of “region” is used as a way of categorizing, interpreting and ordering complex information about Earth.

WG.2.5 Give examples of how people create regions to understand Earth’s complexity. (Individuals, Society and Culture)

**Example:** “Midwest,” “Middle East” and “Kentuckiana”

\* regions: areas that have common characteristics. Some regions have finite or absolute boundaries, such as political units like a country, state or school district. Some regions have blurred boundaries, such as crop or climate regions or a region based on primary language. Regions also can be entirely perceptual. An example is the “Midwest,” where boundaries vary widely according to people’s perceptions.

Standard 3  
Physical Systems

Students will acquire a framework for thinking geographically about Earth’s physical systems. They will explain the physical processes that shape the patterns of Earth’s surface and the characteristics and spatial distribution of ecosystems on Earth’s surface.

WG.3.1 Define Earth’s physical systems: atmosphere\*, lithosphere\*, biosphere\* or hydrosphere\*. Categorize the elements of the natural environment as belonging to one of the four components.

WG.3.2 Identify and account for the distribution pattern of the world’s climates, taking into account the Earth/Sun relationship, ocean currents, prevailing winds, and latitude and longitude.

WG.3.3 Describe the world patterns of natural vegetation and biodiversity and their relations to world climate patterns.

**Example:** Rainforests, savannahs and tundra

WG.3.4 Explain and give examples of the physical processes that shape Earth’s surface that result in existing landforms and identify specific places where these processes occur.

**Example:** Plate tectonics, mountain building, erosion, deposition

WG.3.5 Illustrate and graph with precision the occurrence of earthquakes on Earth over a given period of time (at least several months) and draw conclusions concerning regions of tectonic instability.

\* atmosphere: the gases and other materials that surround Earth and are held close by gravity

\* lithosphere: the uppermost portion of the solid Earth, including soil, land and geologic formations

\* biosphere: the realm of Earth which includes all plant and animal life forms

\* hydrosphere: the water realm of Earth which includes water contained in the oceans, lakes rivers, ground, glaciers and water vapor in the atmosphere

Standard 4  
Human Systems

Students will acquire a framework for thinking geographically about human activities that shape Earth’s surface. They will examine the characteristics, distribution and migration of human populations on Earth’s surface; investigate the characteristics, distribution and complexity of Earth’s cultural mosaics; analyze the patterns and networks of economic interdependence on Earth’s surface; examine the processes, patterns and functions of human settlement; and consider how the forces of cooperation and conflict among people influence the division and control of Earth’s surface.

Characteristics, Distribution and Migration of Human Populations

WG.4.1 Using maps, establish world patterns of population distribution, density and growth. Relate population growth rates to health statistics, food supply or measure of well-being. Explain that population patterns differ not only among countries but also among regions within a single country. (Economics; Government; Individuals, Society and Culture)

WG.4.2 Develop maps of human migration and settlement patterns at different times in history and compare them to the present. (Government; History; Individuals, Society and Culture)

WG.4.3 Hypothesize about the impact of push factors\* and pull factors\* on human migration in selected regions and about changes in these factors over time. (Economics; Government; History; Individuals, Society and Culture)

WG.4.4 Evaluate the impact of human migration on physical and human systems. (Economic; Government; Individuals, Society and Culture)

**Example:** Latino migration into the United States and Arab migration into Western Europe

WG.4.5 Assess the consequences of population growth or decline in various parts of the United States and determine whether the local community is shrinking or growing.

Characteristics, Distribution and Complexity of Cultural Mosaics

WG.4.6 Map the distribution patterns of the world’s major religions and identify cultural features associated with each. (History; Individuals, Society and Culture)

**Example:** Buddhist and Hindu temples, Christian cathedrals and chapels, Islamic mosques and Jewish synagogues

WG.4.7 Map the distribution pattern of the world’s major languages. Map and explain the concept of a lingua franca\* in various parts of the world. (History; Individuals, Society and Culture)

**Example**: English, Chinese, Spanish, French and Arabic languages; English as the language of business

WG.4.8 Explain how changes in communication and transportation technology contribute to the spread of ideas and to cultural convergence\* and divergence\*. (Individuals, Society and Culture)

Economic Interdependence (Globalization)

WG.4.9 Identify patterns of economic activity in terms of primary (growing or extracting), secondary (manufacturing) and tertiary (distributing and services) activities. Plot data and draw conclusions about how the percentage of the working population in each of these categories varies by country and changes over time.

WG.4.10 Describe and locate on maps the worldwide occurrence of the three major economic systems – traditional, planned and market – and describe the characteristics of each. (Economics)

WG.4.11 Compare the levels of economic development of countries of the world in terms of Gross Domestic Product per capita and key demographic and social indicators. Map and summarize the results.

WG.4.12 Explain the meaning of the word infrastructure\* and analyze its relationship to a country’s level of development. (Economics; Government; Individuals, Society and Culture)

WG.4.13 Identify contemporary spatial patterns in the movement of goods and services throughout the world.

WG.4.14 Describe and illustrate the economic interdependence of countries and regions. (Economics)

**Example:** Use a flow chart and maps to show the movement of oil from producers to consumers.

WG.4.15 Assess the growing worldwide impact of tourism and recreation and explain the economic, social and political effects of these activities.

Human Settlement

WG.4.16 Describe and explain the worldwide trend toward urbanization and be able to graph the trend. (Individuals, Society and Culture)

WG.4.17 Explain how the internal structures of cities varies in different regions of the world and give examples. (Individuals, Society and Culture)

**Example:** In France, the poor live in suburbs; in the United States, the poor live in the inner city.

WG.4.18 Analyze the changing functions of cities over time. (History; Individuals, Society and Culture)

**Example:** Uses of cities as transportation centers, centers of commerce, and centers of administration and government

Cooperation and Conflict

WG.4.19 Identify specific situations where human or cultural factors are involved in geographic conflict and identify different viewpoints in the conflict. Create scenarios under which these cultural factors would no longer trigger conflict. (Economics; Government; Individuals, Society and Culture)

**Example:** Israeli and Palestinian conflict, and Sunnis and Shiites

WG.4.20 Identify international organizations of global power and influence (North Atlantic Treaty Organization/ NATO, the United Nations, the European Union, Association of Southeast Asian Nations/ASEAN) and report on the impact of each. (Economics, Government)

\* push factors: the social, political, economic and environmental forces that drive people from their previous location to search for new ones.

\* pull factors: the social, political, economic and environmental attractions that draw people to a new location.

\* lingua franca: a widely-used second language; a language of trade and communication

\* convergence: the process by which cultures become more alike

\* divergence: the process by which cultures become less alike

\* infrastructure: the basic facilities and services, such as communication and transportation systems, schools and utilities, needed for the functioning of a society or community

Standard 5  
Environment and Society

Students will acquire a framework for thinking geographically about the environment and society. They will analyze ways in which humans affect and are affected by their physical environment and the changes that occur in the meaning, distribution and importance of resources.

WG.5.1 Identify and describe the effect of human interaction on the world’s environment. (Economics; Government; Individuals, Society and Culture)

**Example:** Atmospheric and surface pollution, global warming, deforestation, desertification, salinization, over-fishing, urban sprawl, and species extinction

WG.5.2 Identify solutions to problems caused by environmental changes brought on by human activity. (Economics; Government; Individuals, Society and Culture)

WG.5.3 Map the occurrence and describe the effects of natural hazards throughout the world and explain ways to cope with them. (Government; Individuals, Society and Culture)

**Example:** Earthquakes, volcanic eruptions, tornadoes, flooding, hurricanes and cyclones, and lightning-triggered fires

WG.5.4 Analyze the possible effect of a natural disaster on the local community and devise plans to cope with a disaster so as to minimize or mitigate its effects.

WG.5.5 Describe how and why the ability of people to use Earth’s resources to feed themselves has changed over time. (Economics; Government; History; Individuals, Society and Culture)

**Example:** Advances in technology such as irrigation, hybridization, and crop rotation

WG.5.6 Identify patterns of world resource distribution and utilization, and explain the consequences of the use of renewable and nonrenewable resources. (Economics; Individuals, Society and Culture)

**Example**: Nonrenewable resources such as the distribution of fossil fuels, natural gas and oil; renewable sources such as timberland, water and fish; and the relationship to scarcity

WG.5.7 Identify examples from different world regions, involving the use and management of resources. Explain how different points of view influence policies relating to the use of these resources. (Economics; Government; Individuals, Society and Culture)

WG.5.8 Create basic policies designed to guide the use and management of Earth’s resources and that reflect multiple points of view.

**Reading Standards for Literacy in History/Social Studies 9-10 RH**

The standards below begin at grade 9 and define what students should understand and be able to do by the end of grade 10. The CCR anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations – the former providing broad standards, the latter providing additional specificity.

**Key Ideas and Details**

**9-10.RH.1** Cite specific textual evidence to support analysis of primary and secondary sources, attending to

such features as the date and origin of the information.

**9-10.RH.2** Determine the central ideas or information of a primary or secondary source; provide an

accurate summary of how key events or ideas develop over the course of the text.

**9-10.RH.3** Analyze in detail a series of events described in a text; determine whether earlier events caused

later ones or simply preceded them.

**Craft and Structure**

**9-10.RH.4** Determine the meaning of words and phrases as they are used in a text, including vocabulary

describing political, social, or economic aspects of history/social studies.

**9-10.RH.5** Analyze how a text uses structure to emphasize key points or advance an explanation or

analysis.

**9-10.RH.6** Compare the point of view of two or more authors for how they treat the same or similar topics,

including which details they include and emphasize in their respective accounts.

**Integration of Knowledge and Ideas**

**9-10.RH.7** Integrate quantitative or technical analysis (e.g., charts, research data) with qualitative

analysis in print or digital text.

**9-10.RH.8** Assess the extent to which the reasoning and evidence in a text support the author’s claims.

**9-10.RH.9** Compare and contrast treatments of the same topic in several primary and secondary sources.

**Range of Reading and Level of Text Complexity**

**9-10.RH.10** By the end of grade 10, read and comprehend history/social studies texts in the grades 9-10 text

complexity band independently and proficiently.

**Writing Standards for Literacy in History/Social Studies 9-10 WH**

The standards below begin at grade 9 and define what students should understand and be able to do by the end of grade 10. The CCR anchor standards and high school standards in literacy work in tandem to define college and career readiness expectations – the former providing broad standards, the latter providing additional specificity.

**Text Types and Purposes**

**9-10.WH.1** Write arguments focused on *discipline-specific content*.

a. Introduce precise claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that establishes clear relationships among the claim(s), counterclaims, reasons, and evidence.

b. Develop claim(s) and counterclaims fairly, supplying data and evidence for each while pointing out the strengths and limitations of both claim(s) and counterclaims in a discipline-appropriate form and in a manner that anticipates the audience’s knowledge level and concerns.

c. Use words, phrases, and clauses to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counterclaims.

d. Establish and maintain a formal style and objective tone while attending to the norms and conventions of the discipline in which they are writing.

e. Provide a concluding statement or section that follows from or supports the argument presented.

**9-10.WH.2** Write informative/explanatory texts, including the narration of historical events.

a. Introduce a topic and organize ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.

b. Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience’s knowledge of the topic.

c. Use varied transitions and sentence structures to link the major sections of the text, create cohesion, and clarify the relationships among ideas and concepts.

d. Use precise language and domain-specific vocabulary to manage the complexity of the topic and convey a style appropriate to the discipline and context as well as to the expertise of likely readers.

e. Establish and maintain a formal style and objective tone while attending to the norms and conventions of the discipline in which they are writing.

f. Provide a concluding statement or section that follows from and supports the information or

explanation presented (e.g., articulating implications or the significance of the topic).

**9-10.WH.3** *Note: Students’ narrative skills continue to grow in these grades. The Standards require that*

*students be able to incorporate narrative elements effectively into arguments and informative/explanatory texts. In history/social studies, students must be able to incorporate narrative accounts into their analyses of individuals or events of historical import.*

**Production and Distribution of Writing**

**9-10.WH.4** Produce clear and coherent writing in which the development, organization, and style are

appropriate to task, purpose, and audience.

**9-10.WH.5** Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a

new approach, focusing on addressing what is most significant for a specific purpose and

audience.

**9-10.WH.6** Use technology, including the Internet, to produce, publish, and update individual or shared

writing products, taking advantage of technology’s capacity to link to other information and to

display information flexibly and dynamically.

**Research to Build and Present Knowledge**

**9-10.WH.7** Conduct short as well as more sustained research projects to answer a question (including a

self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate;

synthesize multiple sources on the subject, demonstrating understanding of the subject under

investigation.

**9-10.WH.8** Gather relevant information from multiple authoritative print and digital sources, using

advanced searches effectively; assess the usefulness of each source in answering the research

question; integrate information into the text selectivity to maintain the flow of ideas, avoiding

plagiarism and following a standard format for citation.

**9-10.WH.9** Draw evidence from informational texts to support analysis, reflection, and research.

**Range of Writing**

**9-10.WH.10** Write routinely over extended time frames (time for reflection and revision) and shorter

time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes,

and audiences.