

Unit 1—Introduction, Map Skills, and Landforms
Chapters 1,2, and Skills Handbook

Updated 08/21/14

Topic	Learning Targets	Academic Vocabulary/Concepts
<p>The Geographic Perspective</p>	<p><input type="checkbox"/> I can identify and give examples of the Five Themes of Geography.</p> <p><input type="checkbox"/> I can use case studies to identify and evaluate geographic information.</p>	<p>Location (WG.22.C) Absolute Relative Place (WG.2.A, WG.5.A) Physical characteristics Human characteristics Region (WG.9.A, WG.9.B) Formal Functional Perceptual Human-Environment Interaction (WG.8.A) Adaptation Modification Movement (WG.1.B) Diffusion</p> <p>Key Questions (WG.21.A) What? Where? Why there?</p> <p>Dr. Snow’s map (WG.23.B)</p>
➤ Topic	Learning Targets	Academic Vocabulary/Concepts
<p>Tools of the Geographer</p>	<p><input type="checkbox"/> I can identify, analyze, and evaluate the utility of different types of maps. (WG.21.A)</p>	<p>Cartographer Pros/cons of maps and globes Physical maps Political maps Reference maps Thematic maps Choropleth maps Pin dot maps</p>

	<p><input type="checkbox"/> I can define and interpret map scales. (WG.21.C)</p> <p><input type="checkbox"/> I can define terms associated with the grid system and use them to identify locations. (WG.21.C)</p> <p><input type="checkbox"/> I can identify the attributes and uses of different map projections. (WG.21.C)</p> <p><input type="checkbox"/> I can describe the uses and impact of new information technologies on human interaction.</p>	<p>Cartogram Isoline Flow-line</p> <p>Small scale map Large scale map key/legend compass rose/cardinal directions Ratio scale Bar scale Representative fraction</p> <p>Grid system Latitude/Parallel Longitude/Meridian Hemisphere Equator Prime Meridian International Date Line Tropic of Cancer/Capricorn Arctic/Antarctic Circle High/Middle/Low Latitudes North/South Pole</p> <p>Projections (visual recognition, accuracies, distortions, uses) Distortion (size, shape, distance) Cylindrical/Mercator-type projection Conic projection Planar/polar/azimuthal projection Great circle route Gall-Peters Projection Robinson Projection Interrupted/homosoline Projection Compromise Projection</p>
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	(WG.21.A)	The Internet Remote sensing Landsat GOES Global Positioning Systems (GPS) Geographic Information Systems (GIS)
Topic	Learning Targets	Academic Vocabulary/Concepts
Landform Creation	<input type="checkbox"/> I can examine the physical processes that affect the lithosphere, atmosphere, hydrosphere, and biosphere. (WG.3.B, WG.3.C) <input type="checkbox"/> I can describe and recognize different landforms and the physical processes that cause their development. (WG.4.B)	Lithosphere Hydrosphere Atmosphere Biosphere Internal forces that shape the earth Plate tectonics Ring of Fire Tsunami Hot spots Convergent boundaries Subduction Trench Mountains Divergent boundaries Rift valley Mid-oceanic ridge Transform boundaries Fault Earthquake Epicenter Seismograph/Richter Scale External forces that shape the earth Weathering Mechanical Chemical Erosion Wind

I can describe and recognize different landforms.
(WG.4.B)

Loess
Water
Ice
Moraine
Soil creation
Humus
Wave
Tide
Current

Relief
Topography
Landforms
Aquifer
Bay
Butte
Cape
Cataract
Delta
Drainage Basin
Flood plain
Glacier
Harbor
Marsh
Mesa
Oasis
Plateau
Prairie
Strait
Volcano