

Unit Organizer
5th Grade History and Geography
Spatial Sense and World Lakes

Colorado State Standards:

Standard 1.1: Students know how to use maps, globes, and other geographic tools to acquire, process, and report information from a spatial perspective.

Standard 1.2: Students develop knowledge of Earth to locate people, places, and environments.

Standard 3.1: Students know the physical processes that shape Earth's surface patterns.

Standard 3.2: Students know the characteristics and distributions of physical systems of land, air, water, plants, and animals.

Core Knowledge Unit:

I. World Geography

A. **Spatial Sense:** working with maps, globes and other geographic tools

- Read maps and globes using longitude and latitude, coordinates, degrees.
- Tropic of Cancer and Tropic of Capricorn: relation to seasons and temperature.
- Climate zones: Arctic, Tropic, Temperate
- Time zones (review from Grade 4): Prime Meridian (0 degrees); Greenwich, England; 180 degree Line (International Date Line)
- Arctic Circle (imaginary lines and boundaries) and Antarctic Circle
- From a round globe to a flat map: Mercator projection, conic and plane projections

B. **Great Lakes of the World**

- Eurasia: Caspian Sea
- Asia: Aral Sea
- Africa: Victoria, Tanganyika, Chad
- North America: Superior, Huron, Michigan
- South America: Maracaibo, Titicaca

Previous Unit: None

Next Unit: Ancient Civilizations (History)

Standards for Achievement and Performance:

Can you

-label the world's oceans and continents on a map?

-label the hemispheres on a map?

-identify lines of latitude and longitude?

-name continents located at given coordinates?

-label the Tropic of Cancer and the Tropic of Capricorn on a map?

-explain the relationship of the two above Tropics to seasons and temperature?

- describe the climate characteristics of the Arctic, Tropic and Temperate zones?
- identify the Arctic and Antarctic Circles on a map?
- label the Prime Meridian and the International Date Line on a map?
- explain the relationship of the above two lines of longitude to time and date?
- locate and name the large lakes of the world on a map?
- classify the large lakes of the world according to the way they were found?
- use geographic skills to identify any location on the globe

Procedures and Assessments:

- Look at and discuss various maps and globes
- Create and label maps
- Pinpoint the location of a fictitious character on a world map using geographic skills
- Discussions/Lecture
- Readings from the Pearson Learning History and Geography text
- Categorize the World Lakes according to the continents where they are located
- Quizzes and Unit Test