**Map Skills**

What is a map? What important elements are on a map?

**Globes and Maps**

* To learn about the Earth, there are 2 tools you can use… globes and \_\_\_\_\_\_\_\_\_!
  + A globe is a model of the planet \_\_\_\_\_\_\_\_\_\_\_\_ as if you were seeing it from outer space
    - A globe is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and shows the continents and oceans
  + A map is a model of the Earth or a specific place on the Earth shown on a flat surface
    - Maps are useful because you can carry them with you!
    - Cartographer: a person who makes \_\_\_\_\_\_\_\_\_

**Elements of a Map**

* Every map has \_\_\_\_\_\_ important elements…
  + \_\_\_\_\_\_\_\_\_\_\_\_\_ (tells you exactly what the map is showing!)
  + Legend/Key
  + Compass Rose
  + Scale
  + Inset map

Map Key or Legend: explains what certain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, dots, or colors on a map mean

* For example, a star somewhere usually means it is a capital city (Atlanta in Georgia)
  + Or, a blue line may represent a river

Compass Rose: a figure on a map that shows the cardinal directions (North, East, South, West)

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* East
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_
* West

Map Scale: part of the map used to show the relationship of a distance on the map to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in real life

* Example: 1 inch on the map = 100 miles on the Earth

**Different Types of Maps**

* Cartographer: a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ who makes maps
* All maps show certain places, BUT there are lots of different types of maps!
  + Some maps may show only the borders between countries…other will locate different physical features
    - Other maps show particular information like population, climate, or vegetation
* Two types of maps we will study are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Maps and Political Maps

Political Maps

* A Political Map is a map that shows the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ between countries
  + They also show the locations of continents, countries, \_\_\_\_\_\_\_\_\_\_\_\_\_, cities, and towns.
  + Political Maps show features created by humans, not nature!

Physical Maps

* A Physical Map shows different physical features or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, rivers, oceans, forests, deserts, lakes, etc.
  + Physical Maps show features created mainly by nature!

**The Coordinate System: Longitude and Latitude**

Coordinate System: on a map, imaginary lines create a system to determine an absolute \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of any place on Earth

Lines of Latitude

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: imaginary lines that run from East to West
  + They measure degrees North and South of the Equator
* Equator: line at 0 degrees Latitude
  + Divides the earth into Northern and Southern Hemispheres

Lines of Longitude

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: imaginary lines that run from North to South
  + They measure degrees East and West of the Prime Meridian
* Prime Meridian: line at 0 degrees Longitude
  + Divides the earth into Eastern and Western Hemispheres