



Inventing the Globe Geography Worksheet



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The ancient Greeks were the first people to make a specific list of things to observe about places, such as distance from other places or landmarks, the number of people in a certain place, number of buildings, sources of water, etc. They are considered the first geographers because of their attention to detail in recording these things. The Greeks were also the first people to advance the idea that the world was round. Based on their understanding and discoveries of the world, they invented globes to show what the world looks like. It is hard to get a good idea of what the world looks like on a flat map and how countries and places relate to each other. A globe gives a much better idea of how everything fits in relation to each other, while a map allows for more attention to detail. Using both gives us a really good picture of where we are, the world around us, where we want to go and how to get there.

Terms to Know

Cartographer—someone who makes maps

Geographer—a person who specializes in geographical research, delineation, and study.

Delineation—to clearly show or describe something

Latitude—the horizontal lines used to locate places on the map

Longitude—the vertical lines used to locate places on the map

Prime Meridian—the invisible line running up and down around the earth. It is the starting point when measuring longitude lines

Equator—the invisible line running horizontally around the earth. It is the starting point when measuring latitude lines

What is Latitude & Longitude?

Cartographers and geographers divide the Earth into **longitudes** and **latitudes** in order to locate points on the globe. Watch the following videos to get a better understanding of the lines of latitude and longitude and how they work.



- Dig into History https://www.youtube.com/watch?v=cKT16DjHo_8&list=PLrUlxXs60wRjinsS9O7UFhnbo21DLTDn0
- East Tennessee State University (this one is a little boring but it is short and full of good information) <https://www.youtube.com/watch?v=XUA-Let4PM4&list=PLrUlxXs60wRjinsS9O7UFhnbo21DLTDn0&index=5>
- Kids visit France and Learn Longitude & Latitude <https://www.youtube.com/watch?v=MSA88mmFuyE>

Where do you live?

Use the following link <http://www.latlong.net/> to find the longitude and latitude location of the city or town where you live. Note: a minus sign is used to identify longitude lines west of prime meridian, and latitude lines south of the equator.

Record your location: Longitude _____ Latitude _____

Is your city/town north or south of the equator? _____

Is your city/town east or west of the prime meridian? _____

Use the globe below to mark the following:

Use an orange marker to highlight the prime meridian.

Use a yellow marker to highlight the equator

Use a red marker to outline the longitude lines and a green marker to outline the latitude lines.

Put a blue dot on the spot where the prime meridian and equator intersect.

Mark the globe with the directional signs N, S, E, W

