

What do you think you know about geography?

About places and/or important events

Landmarks

Maps

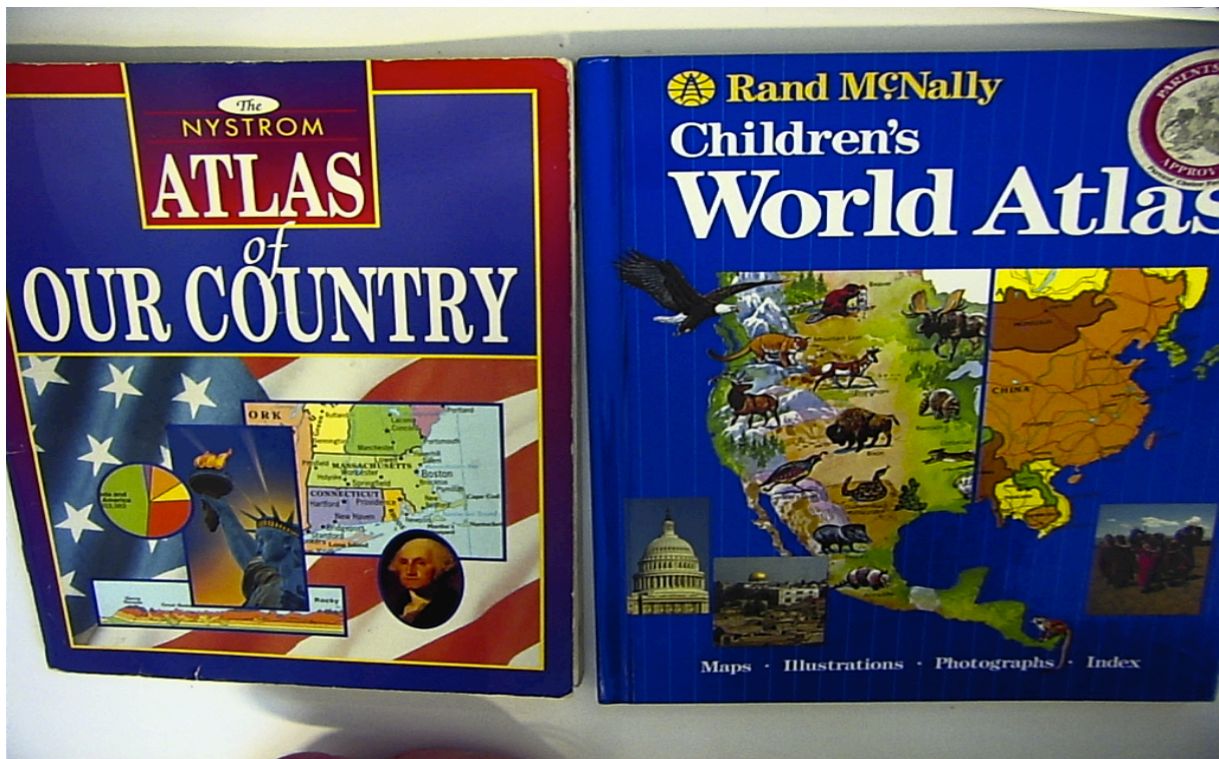
How the land is, hills or flat or mountain range

Connected to maps

World

Different countries

What do you already know about an Atlas?



How is the Earth organized?



How is the Earth organized?

10.13.15

- by Countries
- Bodies of Water (Oceans, lakes, seas)
- Land forms
- Cardinal Directions (North, East, South, West)
- Latitude and Longitude - Equator
- Continents
- Population - Groups of people
- Islands
- Towns
- Borders
- Languages
- Cities
- Vegetation (plants)
- Time Zones
- Names
- States
- Boundaries

Geography Land & Water Features



Maps

Maps and globes are used to learn information about the world we live in.

- A map is a flat drawing of the earth or part of the earth.
- A map can show you the whole world at one time.
- There are several types of maps. Each show different information.
- Most maps include a compass rose, which indicates which way is north, south, east and west.

You can look in an atlas to find different kinds of maps.

Road maps- show major, some minor highways and roads, airports, railroad tracks, cities and other points of interest in an area. People use road maps to plan trips and for driving directions.

Weather maps- show weather patterns in cities, states, countries, etc..

Climate Maps – give general information about climate and precipitation (rain and snow) of a region

Physical Maps

- Show country borders, major cities and significant bodies of water.
- Physical maps also show the location of landforms like deserts, mountains, plains, rivers and lakes.
- Colors are used to show differences in land elevations.
 - > Green is typically used at lower elevations and orange or brown is used on the higher elevations.

Political Maps

- Do not show physical features.
- They show state and national boundaries and capital and major cities.
- Political maps usually include significant bodies of water.

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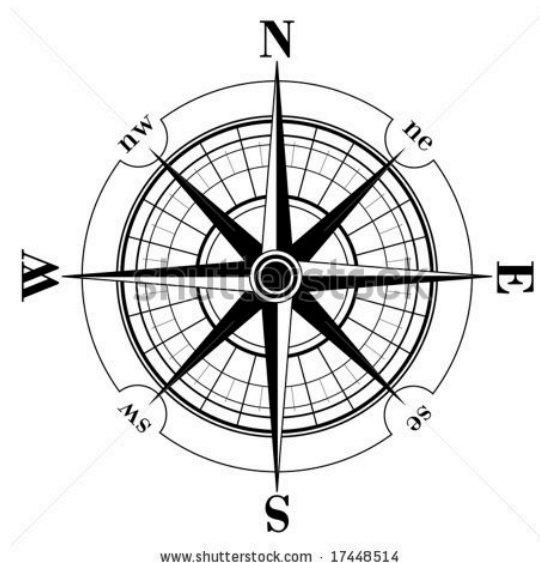
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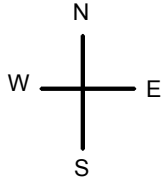


Compass Rose

There are 4 Cardinal Directions - North (N), South (S), East (E), and West (W)



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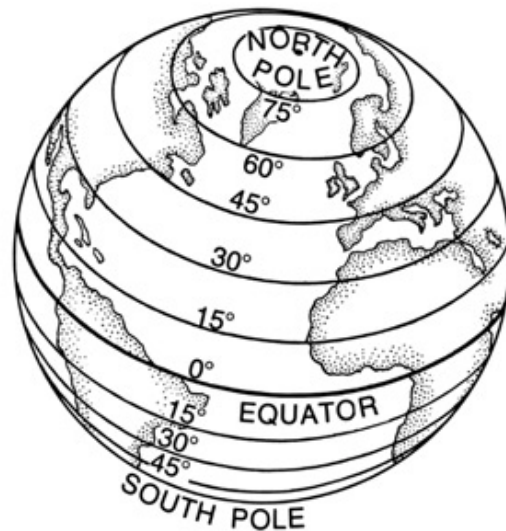
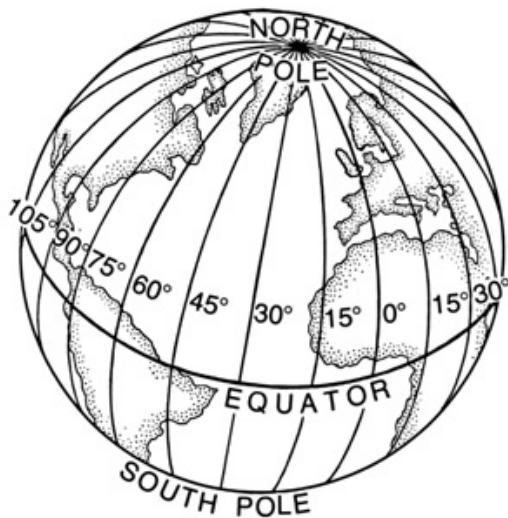
5 Miles
8 Km



Geographical Coordinates

Coordinates help you find a specific place. Just like we might say our school is on 82nd street between 1st and 2nd avenue.

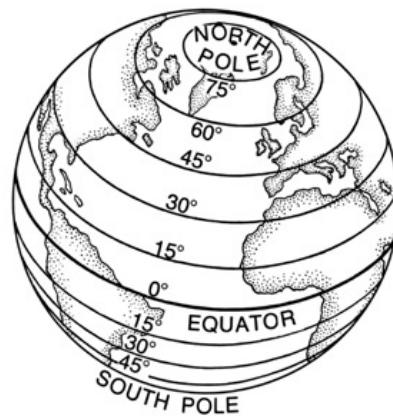
We can also use **longitude** and **latitude** to explain where a place is located.



Latitude is the distance of any object from the equator measured in degrees. The most famous line of latitude is the **equator** measured at 0°.

If we move either up or down from the equator, our **distance increases**. If you move north of the equator then you are moving "degrees north" if you move south of the equator then you are moving "degrees south".

As you can see in the diagram, the lines of **latitude** move around the Earth in an **EAST & WEST** direction, but really they measure degrees on the Earth in the **NORTH & SOUTH** direction.



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