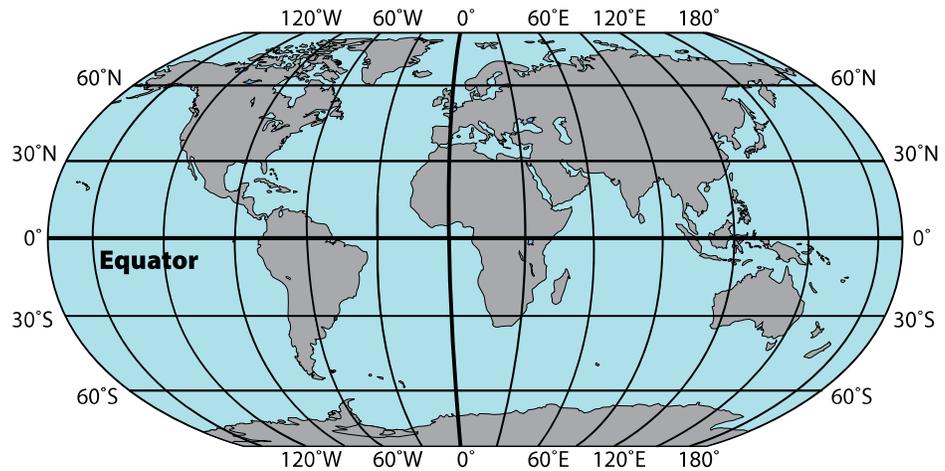


## Sample Lesson #1

### Latitude and Longitude (Part I)

Maps and globes have imaginary lines called latitude and longitude. **Latitude** lines are **horizontal** (side-to-side). **Longitude** lines are **vertical** (up and down). Each line has a number, called a **degree** (°).

**Latitude** lines are sometimes called **parallels**. They run parallel (alongside) to the Equator. A degree of latitude describes the distance of a place from the **Equator**. The **Equator** is an imaginary line that goes around the center of the globe and divides it into north (top) and south (bottom). The Equator is at 0° (zero degrees)



latitude. The higher the latitude number, the farther it is from the Equator. 60° N is farther from the Equator than 30° N. The highest latitude number is 90° N, and this is at the North Pole. 90° S is at the South Pole. In the notation for latitude, the letter N or S comes after the number and degree sign to show whether a location is in the Northern or Southern Hemisphere.

1. \_\_\_\_\_ lines are sometimes called parallels.

Longitude                      Meridian                      Latitude                      Coordinate

2. The lower the number, the (closer to / farther from) the Equator a latitude line is.

3. A \_\_\_\_\_ is another name for a group of people.

building                      forest                      community                      mayor

4. Think of a rule you must follow. Write that rule on the line.

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- 5 – 6. Put a ✓ next to the sentences that are true.

\_\_\_\_\_ United States citizens vote for some of their leaders.

\_\_\_\_\_ An effect happens before its cause.

\_\_\_\_\_ Communities can make new laws when they need to.

\_\_\_\_\_ Laws are rules that everyone in a community must follow.

7. Write *C* if the sentence is a *cause* or *E* if the sentence is an *effect*.

\_\_\_\_\_ The surface area of the parking lot is great for skating.

\_\_\_\_\_ The school parking lot was repaved this summer.

8. Underline the words that name types of communities.

coach

class

teacher

vegetables

town

9. Place a check next to the words that name natural resources.

\_\_\_\_\_ soil

\_\_\_\_\_ pretzels

\_\_\_\_\_ oceans

\_\_\_\_\_ rocks

\_\_\_\_\_ air

\_\_\_\_\_ clothing

10. Label the compass rose with letters that stand for the four cardinal directions and the four intermediate directions. Check the *Help Pages* if you are not sure.

