



Week 9 : June 1 - June 9

Learning Targets: (G1) Understand the physical characteristics, cultural characteristics, and location of places, regions, and spatial patterns on the Earth's surface.

(Click the blue links throughout the challenge to learn more information.)

Map Skills

A map is a flat drawing that helps you know how to get from one place to another. But with smartphones and GPS, why would you learn to read a map? What if you don't have cell service or Google Maps can't find the exact location or an area isn't mapped yet? Regular maps can be helpful and fun.

Level 1: Parts of a Map

There are key features of a map that help you better understand the information provided and know how to read the map. **Title:** tells you what information or specific area the map is showing. **Key:** is a guide to understanding symbols on the map. **Compass Rose:** helps you figure out which direction is on the map. **Cardinal Directions:** the main directions on a map that go horizontal and vertical, North, South, East, and West (N, S, E, W) **Intermediate Directions:** the directions between the cardinal directions that go diagonal, Northwest, Northeast, Southwest, Southeast (NW, NE, SW, SE)

Checking for Understanding: [Parts of a Map](#)

Level 2: Landforms and Cities

After you have labeled the parts of the map label the landforms and cities using the options provided. [Landforms and Cities](#)

Mountains

- Mt. Olympus
- Mt. Baker
- Mt. St. Helens
- Mt. Rainier
- Mt. Adams

Rivers

- Yakima R.
- Columbia R.
- Spokane R.
- Snake R.

Cities

- Spokane
- East Wenatchee
- Yakima
- Richland
- Pasco
- Kennewick
- Vancouver
- Olympia
- Seattle
- Tacoma

Level 3: Latitude and Longitude

Latitude and longitude are imaginary lines that form a grid on maps and globes. The [grid](#) helps name exact places on Earth. Lines of latitude and longitude are always measured in degrees ($^{\circ}$). [Latitude](#) lines circle the globe horizontally. They go around the world from side to side or east to west. Think about them like the steps on a ladder. Each step is a new line of latitude. The [Equator](#) is an imaginary line of latitude that divides the Earth in half. Lines above the Equator are labeled N for North and lines below are labeled S for South. [Longitude](#) lines circle the globe vertically. They cross the Earth from top to bottom or north to south. The word long helps us remember that lines of longitude go up and down. The [Prime Meridian](#) separates the Earth into Eastern and Western hemispheres. Lines to the left of the Prime Meridian are labeled W for West and to the right are labeled E for East.

****Using what you have learned about lines of latitude and longitude give the coordinates (location) of the city you live in (example: East Wenatchee) AND a city you would like to visit.**

Where I live _____

Where I'd like to visit _____

Can you guess which city I would like to visit? **9.7489° N, 83.7534° W**
