

PHYSICAL GEOGRAPHY UNIT
STUDY GUIDE

Assigned Reading: Chapter 1: "Exploring Geography" (all sections)

Main Topics:

1. Imaginary Lines (latitude & longitude) on the globe, and what they are used for.
2. Five Themes of Geography
3. Internal forces and make-up of the Earth.
4. Plates Tectonics, Alfred Wegener, and Faulting.
5. Natural Disasters – Earthquakes, Volcanoes, Tsunamis, Hurricanes (Typhoons), Floods, and Tornadoes
6. Erosion – Mechanical and Chemical

Terms: Major vocabulary we have discussed in class.

Geography	Absolute Location	Relative Location
Equator	Tsunami	Latitude
Longitude	Prime Meridian	Character
Mantle	Inner Core	Outer Core
Lava/Magma	Region (2 types)	Pangaea
Continental Drift	Faults	Sea Floor Spreading
Convergence	Subduction	Ring of Fire
Typhoon	Volcano	Earthquake
Climate	Severe Weather	Hurricane
Map	Strike Slip	Tornado
Flood	Tropic of Cancer	Tropic of Capricorn
Theory of Plate Tectonics	Mechanical Weathering	Chemical Weathering

Identification: Other devices we have used to study this unit.

Physical Map	Political Map	Atlas
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Natural Disaster Videos - Nature's Fury video, Ultimate Earthquake, and Wild Weather: Wind video.

Major imaginary lines of the World	Plate Tectonics Reading
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Major fault lines of the World (4 types)

Example Test Questions: Multiple Choice, Short Answer, and Essay.

- List and Define each of the “Five Themes of Geography”.
- How are Tornadoes created? In what region of the world do the majority of tornadoes occur?
- Draw a diagram of the Earth labeling all of its layers. What are each of the layers specifically composed of? How do scientists explain what the inside of the Earth looks like.
- The scientific subject covered in your Washington and the World class is....
 - A. Nuclear Physics
 - B. Astronomy
 - C. Geography
 - D. Environmental Ethics
- Compare and contrast a physical map with a political map; what specific reasons might someone need to use a political/physical map?

Good Luck, you will do GREAT!!