Name: _____ Date: _____ Period: _____

Earth/Environmental Science Homework & Test Review

Week 7: May 18th – May, 22th 2015
DUE DATE: Friday, May 22th

Weekly Reminders Checklist:
☐ Computer Lab on Tuesday, May 19th
☐ Notebook check on Friday, May 22nd : Warm-Ups, Updated Table of Contents, Biome Map & Table (4/29), Causes of declining biodiversity questions (4/20) and current even on sinkholes (5/14)
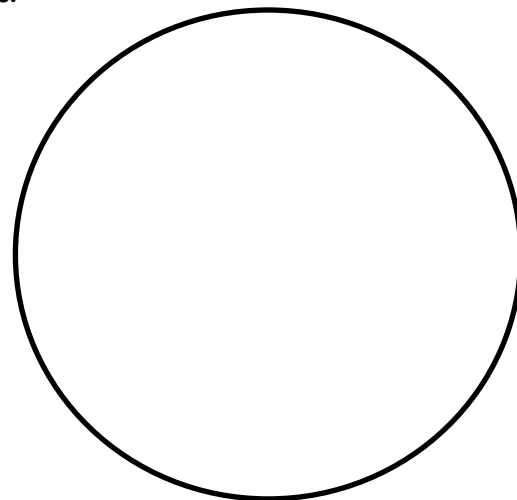☐ Have you checked PowerSchool to see if you have any missing assignments?

Vocabulary: Fill in the missing areas on the table below using your textbook, class activities and any other resources you find helpful.

Vocabulary Word	Definition	Example/Application
Q		
Ecological Footprint		*See computer lab activity for this week!*
ppm		
kWh		

Key Questions from the Week: Answer the questions below pertaining to this week.

1. Convert the quads into percentages. Then fill in the pie chart appropriately to display the distribution of energy production from renewable and nonrenewable sources in the United States.

PETROLEUM   38.2 Q   = _____ %
NATURAL GAS   23.0 Q   = _____ %
COAL   22.5 Q   = _____ %
URANIUM   8.2 Q   = _____ %
BIOMASS   2.8 Q   = _____ %
HYDROPOWER   2.7 Q   = _____ %
PROPANE   1.9 Q   = _____ %
GEOTHERMAL, SOLAR, WIND   0.4 Q   = _____ %
AND OTHER

2. Using your results from #1, what percentage of the United States energy production comes from renewable energy sources?

3. What types of actions generate an ecological footprint?

4. Calculate the percent CO_2 concentration increase between 1914 and 1960 using the below information:
        1914 CO_2 concentration = 301 ppm   1960 CO_2 concentration = 316 ppm

Research Question for the Week: Trace your foot on the paper, placing your heel in the bottom left corner. If your foot doesn't fit, consider attaching an additional blank page. Add pictures, words, and/or diagrams to fill in your foot to represent how you use the world's energy and resources (lights, electronics, food etc.) Afterwards, list three actions you can take to reduce your *ecological footprint.*

My Ecological Footprint

Three Actions I can take to reduce the size of my footprint:

1. _____

2. _____

3. _____

Heel