Ecological Footprint

***What do you see?***

***1) How does this transparency define the concept of an “ecological footprint”?***

***2) What areas of our human lifestyle are included in this definition?***

***3) What areas of the environment are included in this definition?***

***4) How does the use of the term “footprint” help you to better understand your relationship with the environment?***

Go to:

<http://www.footprintnetwork.org/en/index.php/GFN/page/personal_footprint>.

Answer the following questions after you take the quiz **Do not take any short cuts answer the complete set of answers!!! BE Truthful**

**Write down your results!**

1)How many of you need four or more Earths to support your lifestyle? How many of you need more than that? If so, how many?

2 )In which areas of your life do you use the most resources?

3) Do you think your personal footprint is better, worse, or about the same as the average

American’s? Why?

4) What suggestions did the quiz recommend to reduce your personal footprint? How easy or

difficult are these ideas to implement?

5)How does this quiz help you to better understand your relationship with the environment?

6) Is your current lifestyle sustainable? How might living or going to school in a greener

building help to improve your personal footprint?

 After you have finished answering these for yourself. You need to restart and complete a footprint for a lifestyle in 2 other countries on 2 other continents. Choose one that is completely different than your own and realistic for the people that live there.

Explain the place that you chose the results that came from those choices.

1)

2)

After the second one…Go to **Explore** and answer the following.

1. How long will it take for the earth to regenerate our wastes?

Go to the **Footprint** at the bottom of explore… go to page 19, what countries have the largest footprint?

Name 2

1. What countries have the smallest footprint?

Name 2.

1. Where does the USA fit in?

For the 2nd part of Green Buildings you are going to research about different regions of the US and decide what are the most compelling environmental issues in the 2 states that you have chosen from the pile.

1) What are the most interesting or compelling issues?

*2) Are there some issues that are isolated to one region of the country?*

*3) Are there some issues that are more prominent in one region of the country?*

*4) What are the sustainability-related issues facing our region of the country?*

*5) Why do you think there are differerent?*

You are going to research more information about their states in order to create a profile of its physical and human geography. They will use the profile to predict what key

regional and local factors might play a role in green building.

 Determine the following list of geographic information to create your state profiles.

*1)How does the climate of this region affect the way we live? How does it affect the way we construct and use our built environment?”*

2) Describe how accessible most communities in the state are to public transportation.

 *“How does accessibility (or lack thereof) to public transportation in this region affect the way we live?*

*3)How does it affect the way we construct and use our built environment?”*

Climate is part of physical geography. Identify a list of other physical geography information that determines how regional and local factors play a role in green building.

Include:

State 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

average precipitation,

average temperature,

 vegetation,

 natural resources,

water sources,

and natural hazards.

State 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

average precipitation,

average temperature,

 vegetation,

 natural resources,

water sources,

and natural hazards.