**What is the Size of Your Ecological Footprint?**

**Procedure**

1. Take out a piece of paper and answer the following.

**A. Do you think the world is sustainable? Why or why not?**

**B. Define ecological footprint IN YOUR OWN WORDS.**

**C. Do you think you have a large or small ecological footprint compared to your friends? Explain.**

**D. Do you think you have a large or small ecological footprint compared to your great-grandparents?**

 **Explain.**

**E. Do you think you have a large or small ecological footprint compared to a high school student living in**

 **Africa?**

 **Explain.**

2. Open the following webpage. <http://www.footprintnetwork.org/en/index.php/GFN/page/world_footprint/>

 **F. Based on this graph, is the world sustainable? Using the terms “ecological footprint”,**

 **explain your response.**

3. Now, go to the website, <http://earthday.net/footprint>

4. Proceed directly to the footprint quiz and follow the directions listed on the screen. ENTER DETAILED

 INFORMATION (not basic information).

5. Take the quiz and record the answers on your data sheet. \*Use google chrome for the quiz and it takes a minute to load!

 **G. How many planet Earths would be needed to provide enough resources if everyone lived like you.**

6. Click on **See Details** to complete the following:

 **H. What is your Carbon footprint? (CO2 emissions per year)**

**I. Looking at your results by land type, rank the following from 1 (least) to 6 (most) to indicate what productive area of Earth you use most.**

 ***Carbon Footprint, Crop Land, Grazing Land, Forest products, Built-Up Land, Fishing Grounds***

**J.** **Draw out the pie chart of your ecological footprint break-down. Record your gha values­­­ on the chart.**

**\*\*gha=global hectares is a measurement of your ecological footprint**

**K**. **Write a 5 sentence paragraph analyzing your results. Does this number surprise you? Why or why not? What is your personal reaction to these results? Does this activity make you want to change certain things about your lifestyle? Why or why not? Where do you think your highest numbers come from?**

7. Explore the actions you can take to decrease your ecological footprint by clicking the arrow to view “Solutions”. Read

 the actions/scenarios carefully and check the actions/scenarios that would be possible for you to do.

**L. Name and describe a possible solution to reduce YOUR ecological footprint from EACH of the following categories: City, Energy, Food, Population**

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