

Name _____ Date _____ Class _____

Ecological Footprint

Ecological Footprint: how much biologically productive area it takes to absorb a population's carbon dioxide emissions and to generate all the resources it consumes

Part One: My Footprint

1. Go to www.footprintcalculator.org. As you take the quiz, address the questions below.

What questions do you not know the answer to?

- What questions surprise you?

2. Record your results below.

- Personal Earth Overshoot Day: _____
- What is Earth Overshoot Day?

- Number of Earths: _____

3. Click on "See Details." Record your statistics below.

- Your Ecological Footprint (global hectares): _____
- Your Carbon Footprint (CO₂ emissions in tons per year): _____
- By Land Type: Highest _____ Lowest _____
- By Consumption Category (Record highest to lowest below. Should be five categories):

4. Click on “Explore Solutions.” Describe suggested solutions in your own words and one specific action you could take for each.

Part Two: How Does My Footprint Compare Nationally and Globally?

1. Go to Global Footprint Networks data platform at <http://data.footprintnetwork.org>. Click on “Enter.” Take a few minutes and explore the maps. What do you notice?

2. Click on “Ecological Footprint Per Capita.” What does the shade of the countries indicate (i.e., lighter and darker colors)?

3. Click on “Ecological Footprint Per Capita” of the United States and two other countries. Record the information in the chart below.

	United States	Country One:	Country Two:
Population			
Ecological Footprint (per capita)			
Is the eco-footprint increasing or decreasing?			
Is biocapacity increasing or decreasing?			

4. Analyze the chart above. How do the footprints compare between countries? What might be some factors for differences? Explain.
