

# Ecological Footprint Calculation

Name \_\_\_\_\_

Website: <http://www.footprintcalculator.org/> (linked on the homepage of the class website)

1. **Introduction:**

- a. What is an ecological/carbon footprint?
- b. Why is it a good idea to try to reduce your ecological/carbon footprint?

2. **Calculate your score by completing the test. MAKE SURE TO CLICK ADD DETAILS, TO IMPROVE ACCURACY OF RESULTS.**

- a. Use an email to start the quiz, IT CAN BE A FAKE EMAIL. (example: [lslhf@osogh.com](mailto:lslhf@osogh.com))

3. **Results:**

- a. What is your Earth Overshoot Date?
- b. If everyone lived like you, how many Earths would we need?
- c. Scroll over the information "I" icon next to Earths. How does your number of Earths compare to the number of Earths needed for the average American?
- d. How does your carbon footprint compare to the average American? Look on the board.
- e. How does your carbon footprint compare to other countries? Look on the board.

4. **Results (click "see details"):**

- a. What is your greatest land use?
- b. What is your greatest consumption category?
- c. What is your ecological footprint?
- d. What is your carbon footprint in tons of CO<sub>2</sub> emissions per year?
- e. What percentage of your total ecological footprint is your carbon footprint?

5. **Results Analysis:**

- a. What is something that you can do in your everyday life to reduce your **ecological** footprint? If you are stuck, think about what you could do to offset your land use and consumption category.
- b. Give 3 specific things that you could do to reduce your **carbon** footprint: