**Do you Tread Lightly Name:**

**on Earth? Block:**

An ecological footprint is a measure of your impact on the natural environment. Your footprint represents how much land is required to produce the natural resources that you use for food, clothes, housing, heat, transportation, education, and recreation.

Pre-lab Questions

1. What is the current population on Earth?
2. Survey five people who are not in your class to find out the three most important issues affecting them. Pool your data with the rest of the class. They will be used in a later question.

Objective

What might a sustainable lifestyle for humans look like?

Procedure

1. Go to myfootprint.org (available on moeinferdosian.weebly.com under Environmental Science tab)
2. Complete the survey answering all the questions that you are sure of and making your best attempt to guess the ones you are unsure of.

Analyze and Interpret

1. What is the size of your footprint and what does that mean?
2. How does the answer to question 1 compare to your classmates’?
3. State the question from the survey you think is the biggest factor in determining what your footprint is and why.
4. Think critically about how this survey was done? Was it perfect? If not, what do you think was wrong with it?

Conclude and Communicate

1. Think about the results you have found here compared to the issues revealed in the class survey earlier in this Lab (prelab questions). Do you think the survey identified the most important issues? Why or why not?
2. Think of an approach that could be used to raise awareness about how humanity is affecting Earth’s resources. Then suggest your approach to at least one person who might be able to help implement your approach, such as a politician, a community leader, or an influential business leader or ……. Inform your class about any feedback or follow up you receive from this person.