**Ecological Footprint Assignment**

### What can I do?

There are many ways you can help. First, you need to recognize how you personally impact global warming. Completing the ecological footprint calculator will show you how to minimize your impact - starting today - and show you how to make the right product choices in the future.

**Activity:**

Using the internet, go to: <http://calc.zerofootprint.net/youth>. Answer all questions from the questionnaire as accurately as possible. Then, once the questionnaire is completed, you will get your ecological footprint. Copy and paste your results and the average for each category into a Word document.

When you are finished, complete the following questions:

**Ecological Footprint**

* 1. Explain how CO2 causes global warming.
	2. How does CO2 get into the atmosphere?
	3. How does your CO2 footprint compare with the rest of Canada?
	4. What can you as an individual do to lessen your ecological footprint?

**Travel**

* 1. How does travel affect your ecological footprint?
	2. What can be done by you and your family to reduce your ecological footprint caused by travel habits?
	3. What can you as an individual do to lessen your land footprint?

**What you eat**

* 1. Explain how your food choices affect your ecological footprint.
	2. What can you as an individual do to lessen your ecological footprint that results from the food choices that are made by you, and in your home?

**Home and What you Use**

* 1. Explain how eating at fast food restaurants affects our ecological footprint.
	2. What are some choices that can be made in the grocery store that could reduce your and your families’ ecological footprint?
	3. What does drinking soft drinks have to do with your ecological footprint?
	4. What are some possible lawn care choices that will reduce ecological footprint? How are these choices effective?
	5. Explain how different heating options affect your ecological footprint.
	6. How does showering affect your ecological footprint? Can you improve your ecological footprint by altering your showering and teeth brushing habits? Explain.
	7. Why does type of washing machine affect ecological footprint? Is there any effort made in your home to reduce ecological footprint by laundry choices? What could be done in your home to lower your ecological footprint?
	8. Do you turn off electrical appliances when you leave a room? Does your family unplug electrical appliance such as toasters, coffee makers etc. when they are not in use? Why is this important? How does choice of light bulbs affect ecological footprint?

**What you throw away**

* 1. How does garbage affect ecological footprint? What can be done in your family to reduce garbage? What can be done at Laval Liberty High School?

**Total Footprint**

* 1. How many earths does your personal lifestyle require?
	2. How does total ecological footprint compare to the average person living in Canada?

**Conclusion – Provide as much detail as possible**

* Summarize the primary causes of global warming.
* What needs to be done to reverse this problem?
* Do you think that individually, you can help reduce the problem of global warming?
* Hand in the initial word document and the answers to all sections. Please use 12 pt font, and as little paper as possible!