

Your Carbon Footprint Assignment

Step 1:

Go to this website and answer the questions. <http://www.ei.lehigh.edu/learners/cc/carboncalc.html>

Step 2:

When you are done it will give you an analysis of your carbon emissions. Draw each of the graphs below on a piece of paper. You need to draw this you **may not** print the analysis. Your drawing must include:

1. “Your Carbon Emissions” pie chart and key.
2. “Average US Emissions” pie chart and key.
3. “Tons of Carbon Emissions by Groups” bar graph and key.
4. “kg of Carbon Emissions by Groups” bar graph and key.

Step 3:

On the back of your poster answer these questions (complete sentences or write the questions). These should be hand written and done very neatly.

1. What are your total carbon emissions in tons and kg?
2. How does that compare to the US average?
3. Which area (household, transportation or food) was your carbon emission the highest?
4. List two things that you can do to reduce your household carbon emissions.
 - 1.
 - 2.
5. List two things that you can do to reduce your transportation carbon emissions.
 - 1.
 - 2.
6. List two things that you can do to reduce your food carbon emissions.
 - 1.
 - 2.
7. Based on what we have learned so far about carbon and the carbon cycle why is it important to try to reduce the amount of carbon in the atmosphere?