

# Laboratory: Carbon Footprint Challenge

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Instructions: Use the resources available or other reputable websites to answer the following questions. Use complete sentences where appropriate.

Visit either or both of the following websites to determine your carbon footprint or do a search online to find a sample carbon footprint calculator and determine your footprint.

[http://www.zerofootprintkids.com/kids\\_home.aspx](http://www.zerofootprintkids.com/kids_home.aspx)

<http://www.footprintnetwork.org/en/index.php/GFN/page/calculators/>

Use that information found online to help you complete the following questions:

1. What section (transportation, food, etc.) of your life produces the largest amount of GHG emissions?
2. How did your overall score compare to the average Canadian person?
3. With respect to what you learned from the survey, what areas of your life need the most changing?
4. What did you learn from taking this Carbon Footprint challenge?
5. Use the table below to identify at least four areas of your lifestyle (this probably includes your family as well) that can be altered to reduce the amount GHG emissions released. You can use point form, but it is your responsibility to make sure that your ideas are clear. An example has been done below in italicized print.

Area of lifestyle to be changed (modified)	How is this accomplished?	Benefit
<i>- personal hygiene and water conservation</i>	<i>- when brushing teeth, turn off water - fill one cup of water to use while brushing teeth</i>	<i>- reducing the amount of water used saves money on water bill - saving water on waste water treatment - reducing amount of GHG used in processing water</i>
