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Activities

Your Carbon Footprint

Name: _____ Date: _____

The little things you do every day add up. Every time you flick on a light or turn on your computer or tv, more greenhouse gas gets into the atmosphere. In this Planet Diary activity, you'll find out about your carbon "footprint" and ways to shrink it.

Directions

- Check out this Carbon Footprint Calculator. Notice the categories across the top (home energy, driving & flying, etc.) and their colors. Select *Calculate for Me Only* to find your carbon footprint. After completing the survey, find your score in the emissions comparison box. Record your score for question 1 in the Workspace.
- Use your results to answer questions 2 and 3.
- Choose *Calculate for My Household* and take the survey again. Answer questions 4 and 5.
- Brainstorm ways your class or school can lower its carbon footprint. Summarize your ideas for question 6.
- The Exploratorium's Impact of Global Warming gives a deeper look at how climate change affects the planet. Explore the information at each of the tabs.

Workspace

1. a. My total carbon emissions:

   b. Category with highest emissions:

2. How my emissions compare to U.S. and world averages:

3. Three things I can do to reduce my footprint:

4. a. My family's total carbon emissions:

   b. Category with highest emissions:

5. Three things my family can do to reduce its footprint:

6. Three things my class/school can do to reduce its footprint:

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