



## STUDENT ACTIVITY #2

# What You and Your Community Can Do to Reduce Carbon Dioxide

**Purpose:** This activity will allow you to think about what you can do to help reduce the release of carbon dioxide into the air and perhaps limit future climate change.

**Time required:** 40 minutes

**Equipment:**

- Pencils and paper
- Materials provided in this packet, including responses to Activity #1 and Global Warming Wheel Card

1. Find three other students with whom you would like to work. You will need pencils and paper, and you might want to have these things with you:
  - A. Your Global Warming Wheel Card
  - B. The "Frequently Asked Questions About Global Warming and Climate Change: Back to Basics" brochure
  - C. Your answers from Activity #1
2. Take the next 20 minutes to discuss the following:
  - A. The four of you work for your town's Department of Environmental Protection. You have learned a great deal about climate change in the past several months, and you are becoming concerned about the possible effects it will have on your local community if it continues to get worse. You are now aware of some of the causes and effects of climate change, and you would like to do everything you can to make sure that your community does not contribute more carbon dioxide than is absolutely necessary. However, you also realize that people in your community enjoy the way their lives are now, and you do not want to make too many changes that will upset their lives. Your department has been asked to come up with some new programs for reducing the amount of carbon dioxide generated by your community. What three programs would you propose to encourage your community's citizens, businesses, and institutions (such as schools) to change their behavior so they produce less carbon dioxide?  

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  - B. What would your community probably like about these programs?  

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  - C. What would your community probably NOT like about these programs?  

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