

US EPA ARCHIVE DOCUMENT



HOMEWORK FOR STUDENT ACTIVITY #1

Electricity Use and Carbon Dioxide

This homework requires that you take your Global Warming Wheel Card home with you and ask your parents or other adult to share their electricity and home heating bills with you.

1. Look around your house for items that need electricity to operate.
List the first 10 items that you find.

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____
- 8 _____
- 9 _____
- 10 _____

2. Of those 10 items, which ones do you use every day?

3. How much did your family spend each month for electricity in the past six months?

Total amount: _____

Now divide that number by 6. This will give you an average monthly bill.

Average monthly bill: _____

4. Using your Global Warming Wheel Card, pick the amount that is closest to the "average for six months" that you just calculated. How much carbon dioxide does your household produce every year? _____

5. Use your Global Warming Wheel Card to find what your household can do to reduce the amount of carbon dioxide that you generate.

6. Can you think of other things that you can do to reduce the amount of electricity that you use in your home? You may want to go back to #2 for some ideas.

