

# Calculate Your Household Carbon Footprint

School Site: \_\_\_\_\_

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

Use the EPA Carbon Footprint Calculator to identify the initial Carbon Footprint of your family home. Write your scores in the space provided after you generate your household Carbon Footprint Report. Visit the web link to access and use the calculator.

<https://www3.epa.gov/carbon-footprint-calculator/>

1. What are your annual estimated CO<sub>2</sub> Emissions in pounds (lbs) from usage of energy, transportation, and waste at home?

Average U.S. Home	Your Home	Your Home After CRAs

2. What are your planned CRAs equal to?

Savings



or

Planting



or

Recycling



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gallons of gas

Trees

tons of waste

3. If \_\_\_\_\_ of your fiends took these actions, over \_\_\_\_\_ years their households would avoid:

pounds of emissions

and

gallons of gasoline

4. If you take all the new actions you selected, what are your estimated totals?

Action	Dollar Savings	CO <sub>2</sub> Reduction
Turn down heating thermostat on winter nights by 10°F		
Turn up A/C thermostat in summer by 5°F		
Replace 2 incandescent light bulbs with ENERGY STAR lights		
Replace your refrigerator with ENERGY STAR models		
Reduce the number of miles you drive a vehicle		
Recycling: newspapers, magazines		

**Your Estimated Totals**

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5. By taking all the actions you are already doing, what are your estimated totals?

Action	Dollar Savings	CO <sub>2</sub> Reduction
Enable the power management features on your computer		
Wash your clothes in cold water		
Use clothesline or drying rack instead of a dryer for 20% of your laundry		
Replace your refrigerator with ENERGY STAR models		
Perform regular maintenance on your vehicles		
Recycling: glass, plastic, aluminum, and steel cans		

**Your Estimated Totals**

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