

Name: _____

Date: _____

Student Journal: Global Climate Change ✓Fledglings

Pledge

*After learning about the Global Climate Change, I pledge to help reduce my carbon footprint by doing the following:
(check the boxes next to the action steps that you are choosing to take)*

- Switch my light bulbs to compact fluorescent light bulb!
- Unplug appliances (TV, radio, video console, etc) when they are not in use!
- Walk or ride my bike to school at least one day a week!
- Recycle!
- Run the dishwasher only when it is full and let my dishes air dry!
- Plant trees and participate in restoration activities!
- Take showers that are under 5 minutes!
- Compost my food scraps to reduce the amount of trash in landfills!
- Use reusable bags at the grocery store!
- Keep Learning!

Signature: _____

Date: _____

Name: _____

Date: _____

Student Journal: Global Climate Change ✓Fledglings

For the items you pledged to do, calculate how many pounds of carbon dioxide you will save!

Calculate how much Carbon Dioxide you can save!

Action	Annual Amount of Carbon Dioxide	Pounds of Carbon Dioxide You Will SAVE Annually
Replace a 100 Watt incandescent light bulb with a 27 Watt Compact Fluorescent	100 lbs per bulb	
Turn off the light when you leave a room	105 lbs per room	
Plant a tree to shade your house	133 lbs per tree	
Take a short (5 minutes or less) shower	Electric Water Heater: 819 lbs Oil Water Heater: 498 lbs Gas Water Heater: 258 lbs	
Turn down the thermostat 1 degree in the winter	Electric: 365 lbs Oil: 222 lbs Gas: 160 lbs	
Plug leaks around windows and doors. Close curtains or shades at night	Electric: 1,424 lbs Oil: 890 lbs Gas: 623 lbs	
Walk or bike to school! To calculate how much gas you will save: _____ miles to school ÷ 22 miles per gallon (National Average)	For each gallon of gas saved = 19.6 lbs	
Total Pounds per Year =		