



Are You A Climate Friendly Family?

Join the Challenge and Find out!

Follow the footprints.



It's fun and easy!

Follow the footprints in this Activity Booklet to reduce our footprints on our home, Planet Earth.

Complete the activities and you'll earn a cool reward and an official Climate Friendly Family certificate.

This is to certify that the _____'s
have earned the distinguished title of
Climate Friendly Family
on _____, 2011
by reducing their carbon footprints
and kicking carbon to the curb.

Park Ranger _____



Find 5 ways your park is reducing its greenhouse gas emissions?

Hint: The three most common releasers of CO₂ are:

Transportation



Solid Waste



Energy or Power



What could we be doing better?

Thinking of the same pollution issues as above, have you seen anything that we can still work on?



If only it were this simple

Look for the green footprints throughout the park to help you find at least three ways your park is reducing its greenhouse gas emissions.

List the three climate friendly park practices you found:



Family Footprint Calculator

Have a family discussion as you assign points to each of the following practices. Be real! Then, add up the scores to see how climate friendly your family is.

Scoring: 0 Never do this 1 Sometimes do this
3 Usually do this 5 Always do this

At home:

- ___ Reduce, reuse, recycle (R3)
- ___ Don't waste water; take shorter showers
- ___ Turn off lights and electronics if not in use
- ___ Use only compact fluorescent light bulbs
- ___ Eat/use locally produced foods/products
- ___ Prepare fresh foods at home, limit fast foods
- ___ Have a family garden and a compost system

At school/work:

- ___ Walk, carpool or ride the bus
- ___ Take reusable lunch containers
- ___ Carry your own water bottle
- ___ Be good R3 role models

Leisure Time/Travel/Transportation:

- ___ Use "high miles per/gal." vehicles
- ___ Plan a "Staycation"
- ___ Fly only when you have to
- ___ Practice "Leave No Trace"
- ___ Enjoy non-motorized sports
- ___ Turn off the engine, no idling
- ___ Walk, carpool, or take the bus

Shopping:

- ___ Think about R3 before you buy it!
- ___ Take reusable bags to carry purchases
- ___ Buy locally produced foods/products
- ___ Buy items with less packaging

Bonus Points! Our family plan to reduce our footprint is to:

Our Score: _____

Kickin' Carbon to the Curb



Calculate your car's carbon footprint

Use a calculator (your cell phone?) for this activity!

1. Use the chart below to calculate how much CO₂ your vehicle produced to get your family to this park today.
2. Choose another type of vehicle in the parking lot for comparison.

Use this formula and the Climate Friendly Family Display to calculate your CO₂ emissions:

_____ miles to the park divided by _____ mpg (miles per gallon) =
_____ gals. of gas used X 2 (for round trip mileage) = _____
X 19.56 lbs (CO₂ emitted from one gallon of unleaded gas) =
Lbs. of CO₂ emitted on your trip to this park.

Make and Model	Type	No. Miles to This Park	No. People in Car	No. Gallons Gas Used	Lbs. CO ₂ Emitted
1					
2					

Is Your Vehicle Climate Friendly? Circle YES or NO

How can you reduce your vehicle's carbon footprint?
