

Enrichment Activity

Name: _____

My Carbon Footprint (10 points)

Period: _____

Instructions:

1. Sit down with your parent or guardian and take the Carbon Footprint quiz at <http://myfootprint.org>
Note: Some of the questions are difficult and will require a parent to help you.
 - On the first page, select the U.S. flag and then fill in the questions on the first page. If you do not want to fill in your family's true income, just use the default. You can also use the default email rather than filling in your real email address.
 - On the second page, our climate is the default "Temperate or Mediterranean". Your parents should be able to help you with any other answers you do not know or understand.
2. Answer the questions below as you take the quiz. All of the answers are found in order on the web page throughout the quiz. You may need to click on some of the links to find some of the answers.
3. Discuss your results with your parents/guardian. Then you and your parent/guardian should sign at the bottom acknowledging that you worked on this activity together.

Questions:

1. How does the climate you live in affect your energy usage? (Hint: click "More on energy use and climate zones")
2. What is Cooler?
3. What does IPCC, ACP, CAN, and RAN stand for? What do these agencies do? (Hint: this information is found on two different pages)
4. How much carbon dioxide do you save from entering the atmosphere by line drying a load of laundry?
5. What are Carbon Offsets?
6. What are three reasons why eating a diet high in meat and dairy increases your carbon footprint?
7. What percentage of greenhouse gasses (like methane from cow farts) is associated with humans eating meat?
8. What are two things you should consider when buying produce (fruits and vegetables) in order to minimize your carbon footprint?
9. Water is a limited resource, meaning we have to be careful not to use too much or we won't have enough for everyone. However, how does water consumption affect your carbon footprint? That is, in what ways is energy used to provide you with water?

