

**Title: Carbon Cycle Web Game****Name** \_\_\_\_\_**Procedures:**

1. Go to the website: [http://www.windows.ucar.edu/earth/climate/carbon\\_cycle.html](http://www.windows.ucar.edu/earth/climate/carbon_cycle.html)
2. Read the introduction.
3. Click to begin your journey.
4. Go to each source of carbon and fill out the data section. Describe the form of carbon, how it
5. Answer each carbon challenge question.
6. Answer the analysis questions.

**Data:**

Location	How You Got There	Other Information

**Analysis:**

1. What percent of the atmosphere is carbon dioxide?
2. What are greenhouse gases?

3. How much of Earth's total carbon is stored in soil?
4. What is photosynthesis?
5. How much of Earth's carbon is stored in the deep ocean?
6. What kinds of marine organisms take in carbon?
7. How many stops can you make on your trip?
8. Will your journey ever end? Why or why not?
9. Was everyone's journey the same? Why or why not?
10. What would happen if we burned more fossil fuels?

**Conclusion: Summarize in 2-3 sentences how carbon cycles.**