

Learn About the Carbon Cycle

Time: One hour web-based activity

Standards:

CA standard 2a, 2f, 2g.

Topical Objectives:

Students will learn about the carbon cycle.

Materials:

Use the following websites:

Steve Guadarrama's class moodle site.

<http://moodle.sandi.net/course/view.php?id=1198>

One the student is there, they may click on the link the says, "Learn About Climate Change."

http://epa.gov/climatechange/kids/carbon_cycle_version2.html

Preparation:

Review all the websites and materials beforehand.

Science Notebook Ideas:

Students may take notes in SNB during learning.

Procedure:

Ask the student on the webpage:

Begin the lesson by sharing your thinking about the carbon cycle. Tell the teacher all you know about the carbon cycle via a dialogue.

Go to the website:

http://epa.gov/climatechange/kids/carbon_cycle_version2.html

After viewing the images and reading some of the text complete the steps listed below:

1. Take the Carbon Quiz.
2. After completing the carbon quiz, read and follow the directions that will lead you through the series of animations.
3. Share your thinking in your science notebook, as you go through the animations. Click on Next to go on to the next one.
4. Write the Language of the Disciplines, as you move through the animations.
5. Click on Next and learn about the carbon cycle on land and in the water.
6. After viewing, reading, and thinking about the carbon cycle, share your thinking via the link below with your teacher. Discuss the Carbon Cycle from the points of view of three of the following; Details, Patterns, Language of the Discipline, The Big Idea Paradox, Origin, & Contribution.