Ecology Flip Book - NUTRIENT CYCLE DIRECTIONS

Water Cycle Directions

Water Cycle

- 1. You will be completing 3 Web Quests for this section and then adding one page to your flip book.
- 2. Obtain a Water Cycle Worksheet, find a computer station and visit the following site: http://www.epa.gov/ogwdw000/kids/flash/flash_watercycle.html
- 3. Show the completed worksheet to your teacher (for grading) before moving to the next step.

Carbon Cycle

- 4. You will first be completing an online activity to better understand the Carbon cycle. You must complete the Carbon Cycle Web Quest and its questions before beginning your page.
- 5. Obtain the worksheet Carbon Cycle web quest and visit the following website: http://www.windows.ucar.edu/tour/link=/earth/Water/co2_cycle.html
- 6. Show the completed worksheet to your teacher (for grading) before moving to the next step.

Nitrogen Cycle

- 7. You will first be completing an online activity to better understand the Nitrogen cycle. You must complete the Nitrogen Cycle Web quest and its questions before beginning your page.
- 8. Obtain the worksheet Nitrogen Cycle web quest and visit the following
- 9. Complete the web quest by answering the questions to gain a better understanding of the role of the Nitrogen Cycle on earth.
- 10. Show the completed worksheet to your teacher before moving to the next step.
- 11. Using the information you gathered from the website, you will be creating a diagram of the <u>Carbon OR Nitrogen cycle</u>. Your diagram must contain the following:
 - a. An original picture (not printed from the internet) of an environment you have seen the cycle take place in (farm, garden, highway, etc.)
 - b. A description of what happens during in the cycle
 - c. Must have 4-6 steps
 - d. Illustrations of what takes place at each step
 - e. You may draw, cut out magazine clippings or use clipart.
- 12. Show your completed page to your teacher (for grading) before moving to the next page.