Cycles Worksheet

Go the website: http://www.epa.gov/climatechange/kids/version2.html

for information on the water and carbon cycles.

Water Cycle

1. How is water stored on Earth during the water	cycle?	
2. Water moves into the atmosphere through Earth through	and	and returns to the
3. What is the difference between infiltration and	runoff?	
4. Where do groundwater and runoff usually end	up?	
5. What are three ways global warming might affe	ect the water cycle?	
Carbon Cycle		
1. Why is Carbon important?		
2. What are seven places that carbon exists?		
3. How does carbon enter the biotic part of the ec	cosystem, namely plants fr	rom the atmosphere?
4. How does it enter the soil?		
5. How does carbon enter water? How do aquation	c plants get carbon?	
6. How do animals get carbon?		

6. What are two ways carbon returns from animals into the water?
7. What is combustion, and how does it affect the carbon cycle?
8. How does deforestation affect the carbon cycle?
Go to the web site: http://www.physicalgeography.net/fundamentals/9s.html for help with the nitrogen cycle
Nitrogen cycle notes
1. Why is nitrogen important?
2. How is nitrogen from the atmosphere, the abiotic part of the ecosystem, converted in to the biotic part of the ecosystem in organisms?
3. How do consumers get nitrogen?
4. How does nitrogen return to the atmosphere?
Go the the web site: http://www.elmhurst.edu/~chm/vchembook/308phosphorus.html and http://www.princeton.edu/~chm333/2003/agriculture/phosphoruscycle.htm for help.
Phosphorus Cycle
1. Why is phosphorus important to living organisms?
2. How is the phosphorus cycle different from the nitrogen or carbon cycles?