**Assignment for Carbon Oxygen Cycle**

1. What process takes carbon from the atmosphere? Write the equation for this process.
2. Explain the importance of decomposers in the carbon cycle.
3. List three (3) reservoirs (storage areas) for inorganic carbon.
4. Where is most of the inorganic carbon stored?
5. Where is the organic carbon stored?
6. What is peat?
7. List and describe there (3) ways in which carbon enters back into the atmosphere.
8. (a) You are a scientist and you are concerned about the burning of the rainforest to clear land for farming. You are meeting with the government to discuss this problem. How would you explain how the burning of fossil fuels could change the oxygen levels in the atmosphere?

(b) What change would the change in oxygen have on living things?

1. Provide three (3) suggestions that would reduce the flow of carbon dioxide back into the atmosphere.
2. Why do humans and other animals need oxygen to survive?