**The Carbon Cycle Notes**

Environmental Science

Chapter 2 Section 1

1. The exchange of carbon between the environment and living things is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the basis of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. During \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ plants use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ dioxide from the air to make \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Most animals get \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_by \_\_\_\_\_\_\_\_\_\_\_ plants.
5. Carbon returns to the environment when \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ molecules are \_\_\_\_\_\_\_\_\_\_\_\_\_ down to release \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
6. The process of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ uses oxygen and its byproducts are \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the breakdown of substances into simpler \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
8. Another way to break down organic matter is by using \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. The process of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ a substance, such as wood or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ fuels, is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
10. Like \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ combustion of organic matter releases \_\_\_\_\_\_\_\_\_\_\_\_\_\_ dioxide into the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.