

## Cycles worksheet

Please answer the following using the words in the text box.

### Carbon Cycle

**Coal      Oil      Natural Gas      burning of fossil fuels      volcanoes**  
**Photosynthesis      Respiration      decayed      ocean      sugar      Greenhouse**

1. Plants use CO<sub>2</sub> in the process of \_\_\_\_\_ to make \_\_\_\_\_ and oxygen.
2. Animals use oxygen in the process of \_\_\_\_\_ and make more CO<sub>2</sub>.
3. The \_\_\_\_\_ is the main regulator of CO<sub>2</sub> in the atmosphere because CO<sub>2</sub> dissolves easily in it.
4. In the past, huge deposits of carbon were stored as dead plants and animals \_\_\_\_\_.
5. Today these deposits are burned as fossil fuels, which include \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
6. More CO<sub>2</sub> is released in the atmosphere today than in the past because of \_\_\_\_\_.
7. Another natural source for CO<sub>2</sub> is \_\_\_\_\_.
8. Too much CO<sub>2</sub> in the atmosphere may be responsible for the \_\_\_\_\_ effect.
9. Write the equation for **photosynthesis**.
  
10. Draw a **simple diagram** of the Carbon Cycle using the words in the text box above.