

**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	ocean	sugar	Greenhouse decayed

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.