

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 CO₂ in the process of _____ to make _____ and oxygen.
2. Animals use oxygen in the process of _____ and make more CO₂.
3. The _____ is the main regulator of CO₂ in the atmosphere because CO₂ 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 CO₂ is released in the atmosphere today than in the past because of _____.
7. Another natural source for CO₂ is _____.
8. Too much CO₂ 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.