

Name: _____ Block: _____ Date: _____

Introduction to Carbon Cycle Notes

1. What is carbon?
2. What sorts of things are made of carbon?
3. What is a fossil fuel?
4. What do fossil fuels have to do with carbon?
5. Diagram the Carbon Cycle

YOUR THOUGHTS:

6. How is the carbon cycle similar to the water cycle?

7. How is the carbon cycle different from the water cycle?

8. What is likely to happen if there is an increase of carbon dioxide in the atmosphere?

9. What is likely to happen if there is a decrease of carbon dioxide in the atmosphere?

10. When Earth first formed, there were no living things on the planet. Does that mean that there was more CO₂ in the atmosphere or less CO₂ in the atmosphere compared to now? Explain.

11. How would the amount of CO₂ in the atmosphere change if there were 5 times as many plants and trees growing on Earth? Explain.