

Unit 3 Section 2 Study Guide

Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Explain how carbon exists in different forms such as limestone (rock), carbon dioxide (gas), carbonic acid(water), and animals (life) within Earth systems and how those forms can be beneficial or harmful to humans. Pages: 37, 38, 105, 347
2. Explain why small amounts of some chemical forms may be beneficial for life but are poisonous in large quantities. Pages: 384

Reviewing Major Concepts Part 2: *Chapter 2 section 2*

1. Explain how carbon cycles in Earth's system.
2. Determining Cause and Effect What effect, if any, would you expect a massive forest fire to have on the amount of carbon dioxide in the atmosphere? Explain your answer.
3. Analyzing Relationships Explain the role of energy in the carbon cycle.