

The Carbon Cycle Questions

1. Explain what happens during photosynthesis.

carbon dioxide and water are converted into oxygen and carbohydrates (sugars)

2. In what kind of organism does photosynthesis occur?

plants

3. What is the origin of the energy needed to drive photosynthesis?

sun

4. cellular respiration is the reverse of photosynthesis, turning sugars back into carbon dioxide.

5. What three elements are carbohydrates (sugars) made from?

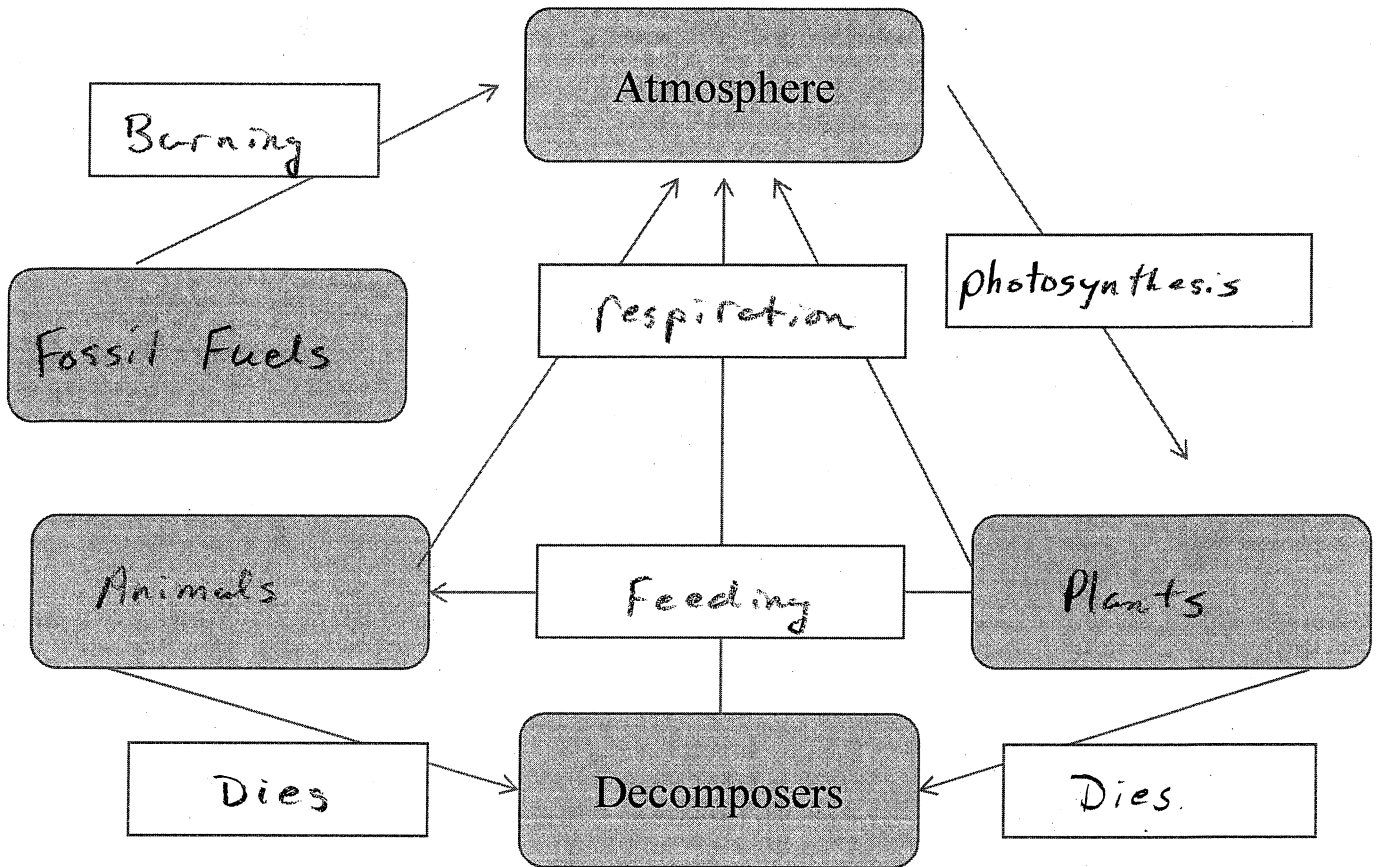
carbon, hydrogen, oxygen

6. Carbon enters the soil through decomposition of organic matter by microorganisms.

7. Organic matter buried over millions of years form deposits of coal and oil that we call

fossil fuels

The Carbon Cycle



Place each word in the correct box. You might use words more than once.

Burning	Respiration	Dies
Feeding	Plants	Animals
Fossil Fuel	Photosynthesis	