



Exit Pass: Lesson 3

What role do trees have in various cycles?

Complete the following.

Questions

1. In the water cycle, we can say correctly, "Water that evaporates from a lake returns to the lake."

Draw a picture of what happens in the water cycle. Be sure you use the following words in your drawing: evaporate, clouds, rain, soil, and tree.

2. Your studies of the nitrogen cycle included learning that certain organisms "fix" or change nitrogen. What are the important organisms that "fix" nitrogen?

3. When someone describes the "raw materials" for something, he or she is describing what is necessary to make something. For example, the raw materials for hot chocolate are milk, sugar, and cocoa. What are the raw materials for photosynthesis?

4. What do plants produce by the process of photosynthesis?

5. It is estimated that 1 billion more gas-burning cars will be on the roads of the world in 2020 compared to 1.2 billion in 2015. How will such an increase in the number of cars affect the world's carbon cycle?
