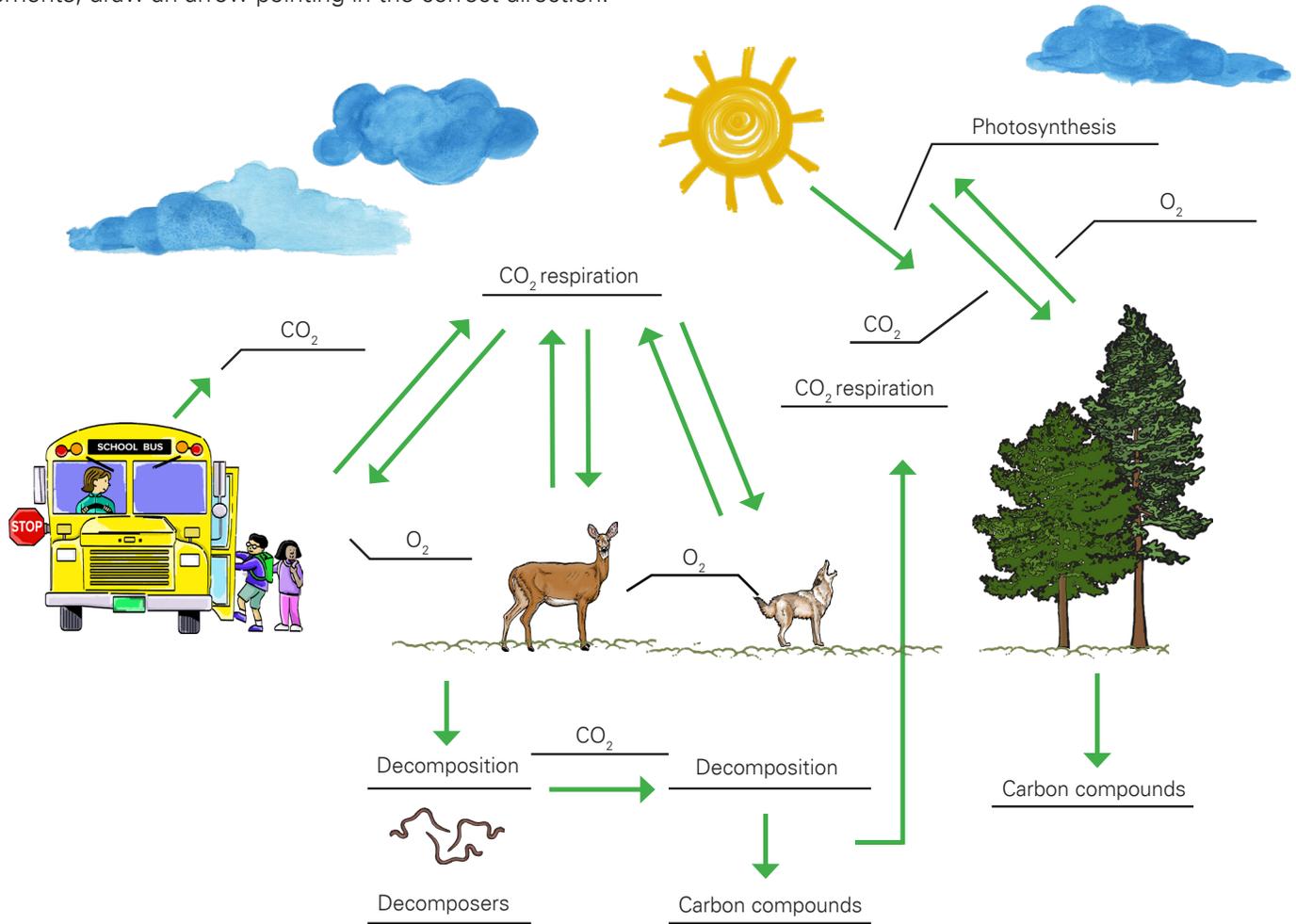


**DIRECTIONS:** Using the words from the word bank, label the correct parts of the carbon cycle. To indicate the flow of elements, draw an arrow pointing in the correct direction.



Use the space below to explain how humans play a role in the carbon cycle.

Like all living organisms, humans contain carbon and require oxygen

to produce energy. Through respiration, humans take in the oxygen

provided by plants and trees and release carbon dioxide back into the air.

**WORD BANK**

Oxygen ( $O_2$ )  
 Oxygen ( $O_2$ )  
 Oxygen ( $O_2$ )  
 $CO_2$  respiration  
 $CO_2$  respiration

Carbon dioxide ( $CO_2$ )  
 Carbon dioxide ( $CO_2$ )  
 Carbon dioxide ( $CO_2$ )  
 Photosynthesis

Decomposition  
 Decomposition  
 Decomposers  
 Carbon compounds  
 Carbon compounds