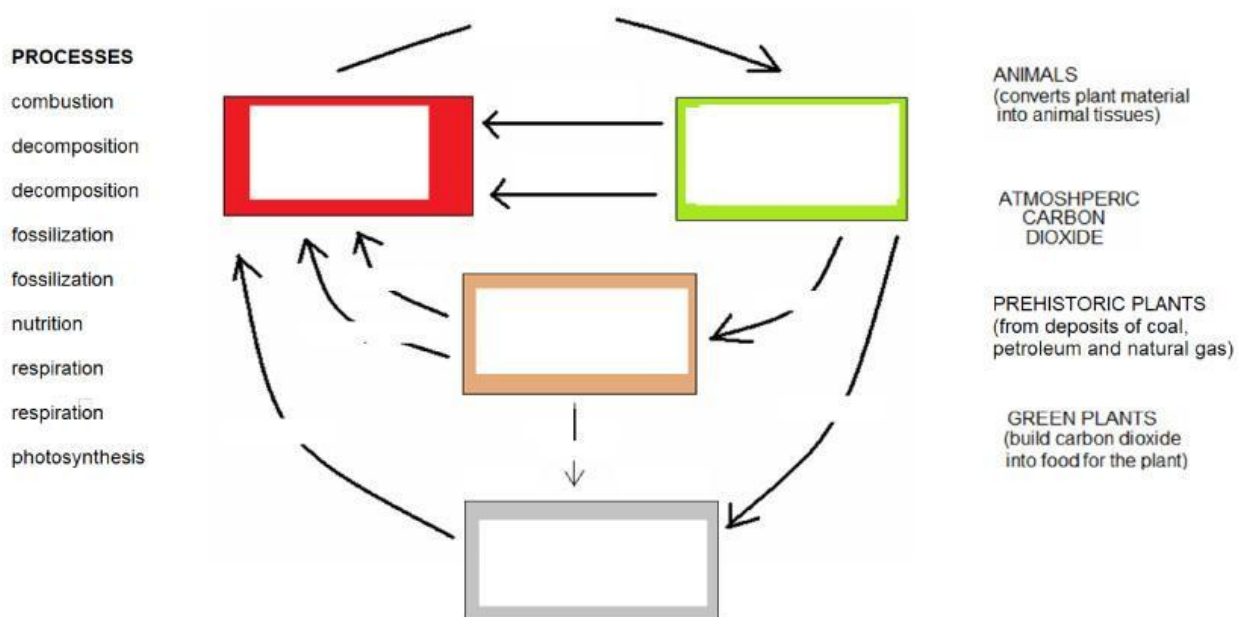


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## CARBON CYCLE

The \_\_\_\_\_ is the sequence in which carbon is constantly being used and reused in various forms in the \_\_\_\_\_. Below is a diagram of the carbon cycle. Notice on the carbon cycle diagram that carbon dioxide being removed from and returned to the atmosphere.



## REMOVAL OF CARBON DIOXIDE FROM THE ATMOSPHERE

Carbon dioxide is \_\_\_\_\_ from the atmosphere by the process of \_\_\_\_\_. Plants use the sun's energy, \_\_\_\_\_ and water to make \_\_\_\_\_, \_\_\_\_\_ and other \_\_\_\_\_. Animals then eat the plants

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as part of their \_\_\_\_\_ and therefore get \_\_\_\_\_  
into their bodies. Sometimes when the plants and animals die, they become hard  
deep under the Earth's crust (\_\_\_\_\_) and become fossils that  
later become fossil fuels like \_\_\_\_\_ and \_\_\_\_\_.

### **RETURN OF CARBON DIOXIDE TO THE ATMOSPHERE**

Carbon dioxide is \_\_\_\_\_ to the atmosphere by  
\_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.

When \_\_\_\_\_ feed on dead organisms, they use this food in  
\_\_\_\_\_ to make energy releasing \_\_\_\_\_  
\_\_\_\_\_ into the atmosphere. When \_\_\_\_\_ and  
\_\_\_\_\_ respire, they also release carbon dioxide into the atmosphere as a  
by-product.

Lastly, when \_\_\_\_\_ such as oil and coal are burned  
(\_\_\_\_\_) in fireplaces, cars and other modes of transportation,  
\_\_\_\_\_ is released as part of the \_\_\_\_\_.