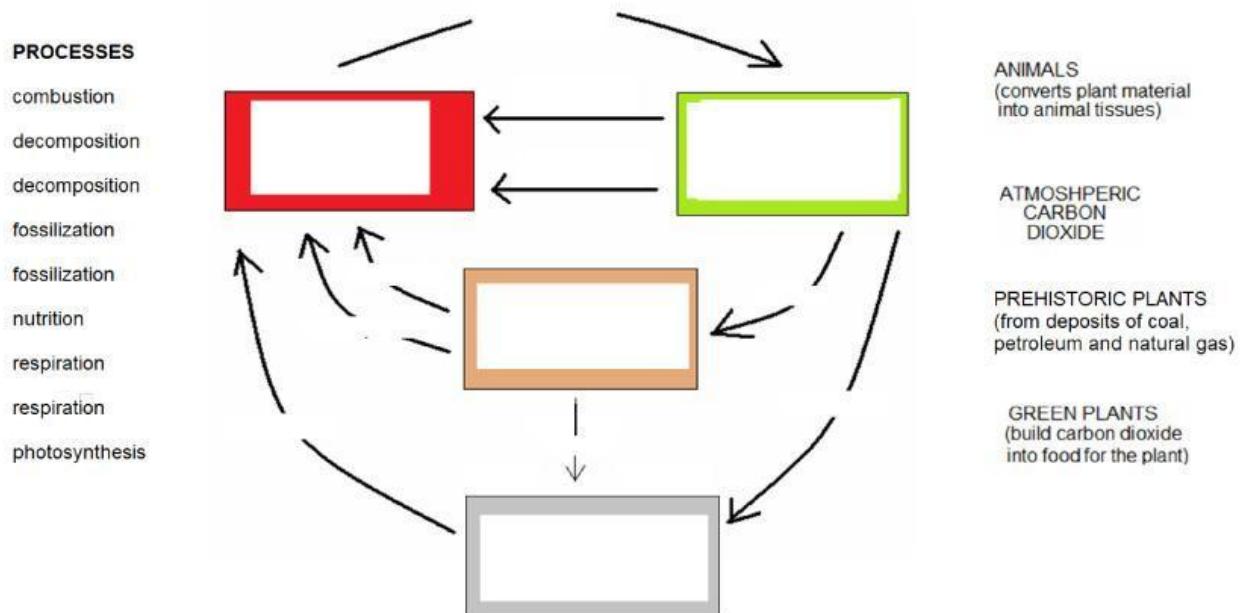


Date:

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 _____.