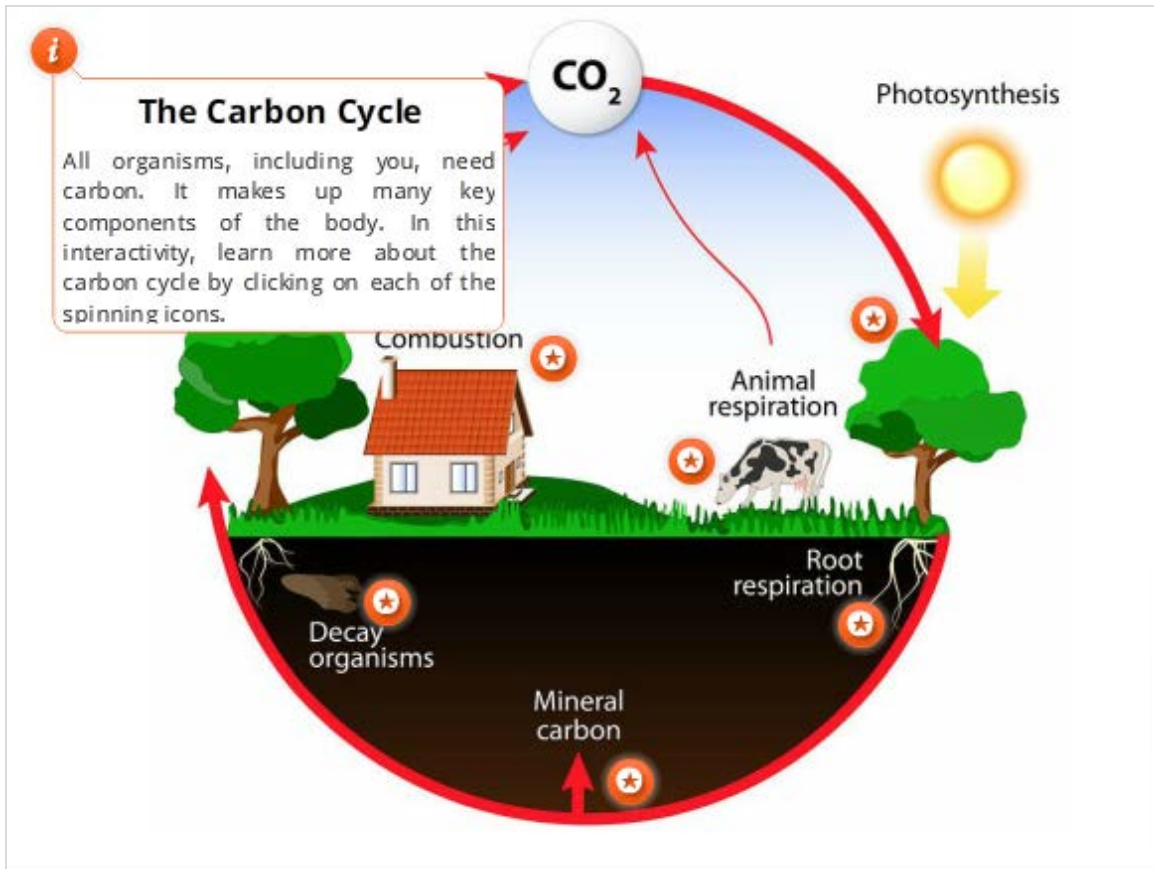


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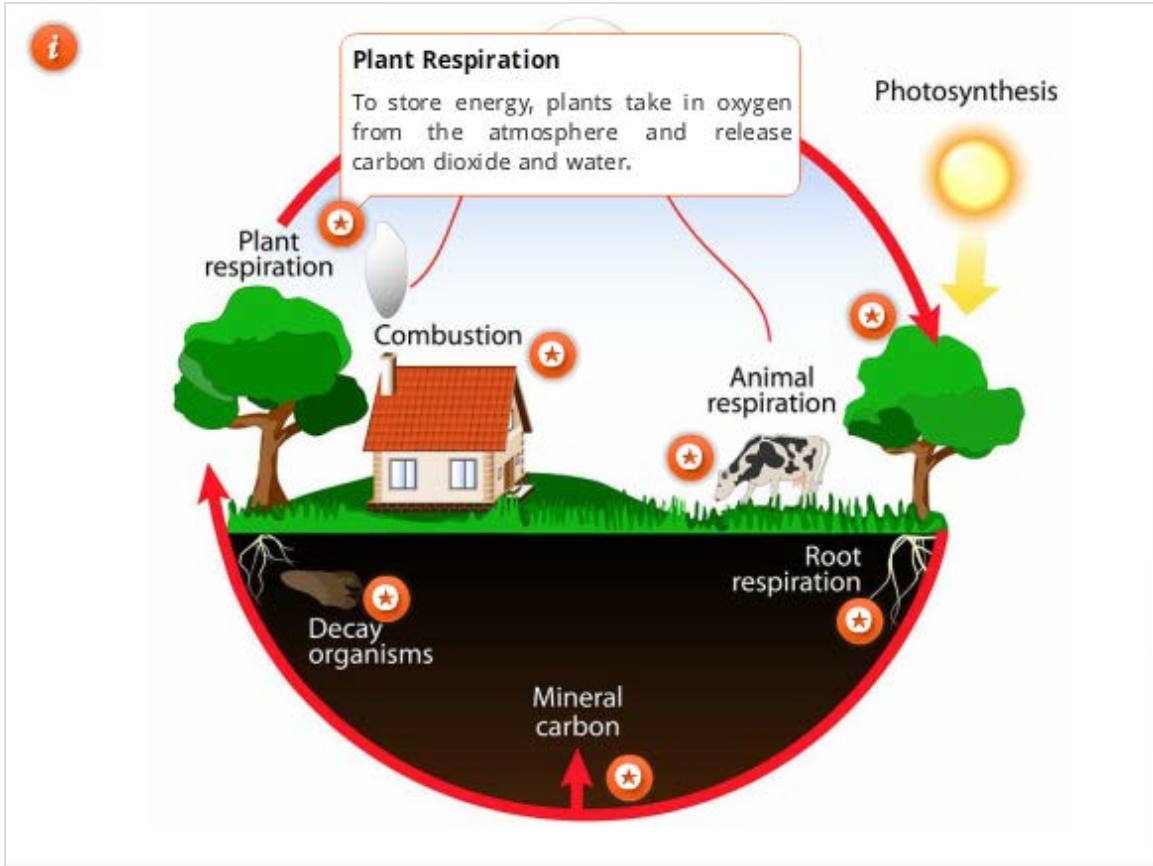
Topic 3 Content: The Carbon Cycle Notes



All organisms, including you, need carbon. It makes up many key components of the body. In this interactivity, learn more about the carbon cycle by clicking on each of the spinning icons.

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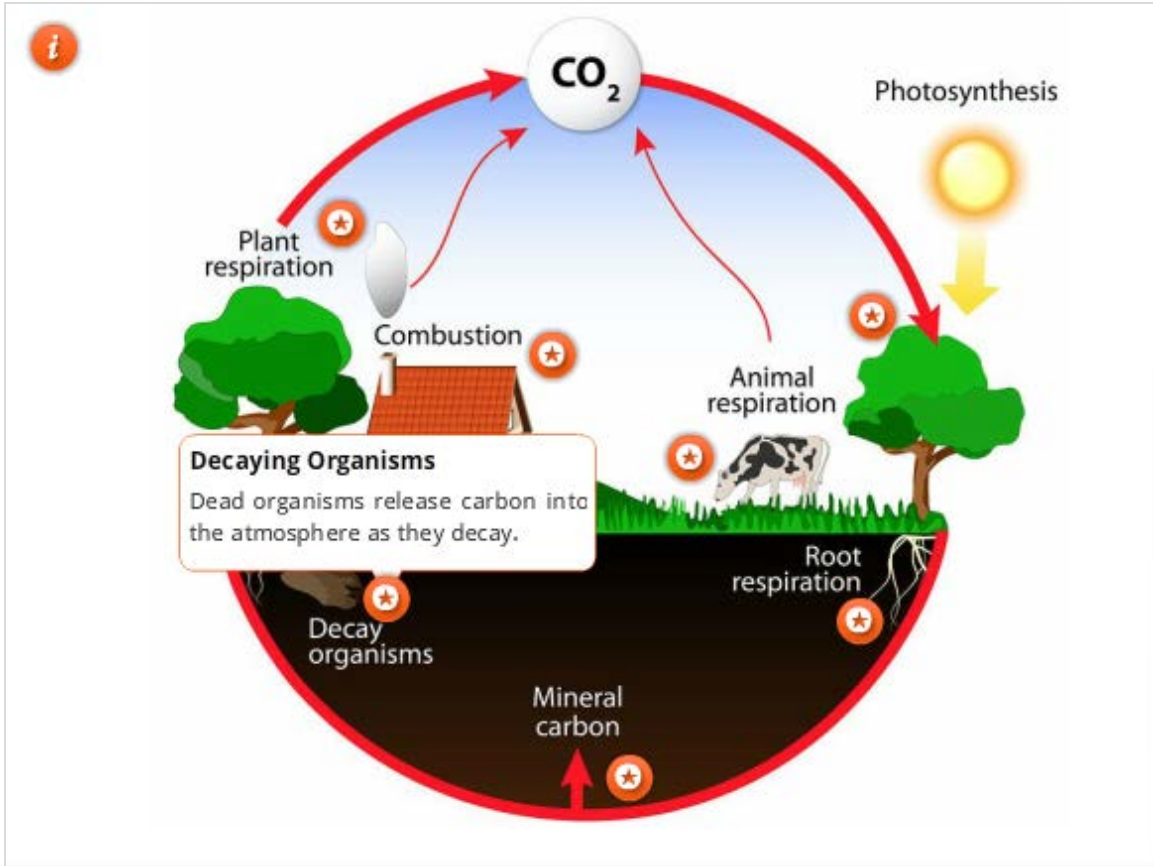
Topic 3 Content: The Carbon Cycle Notes



Plant Respiration

To store energy, plants take in oxygen from the atmosphere and release carbon dioxide and water.

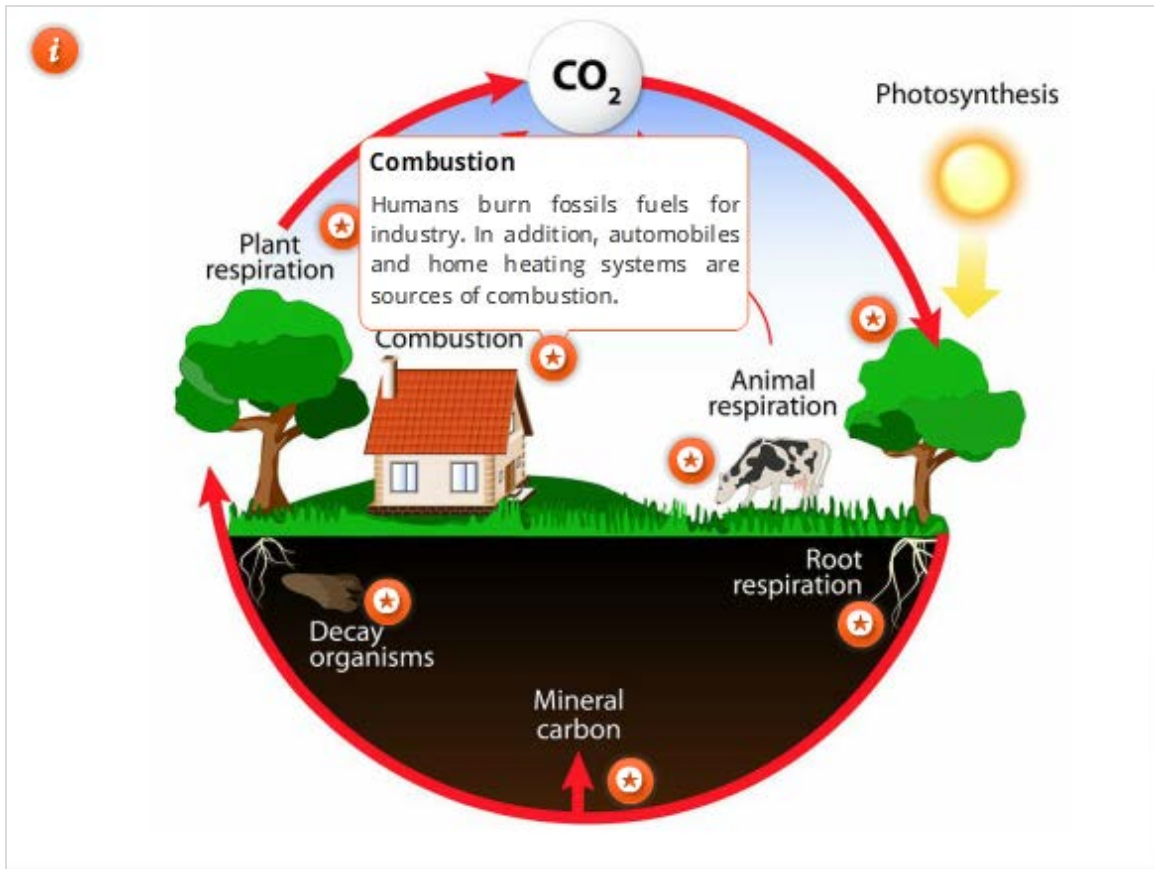
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Decaying Organisms

Dead organisms release carbon into the atmosphere as they decay.

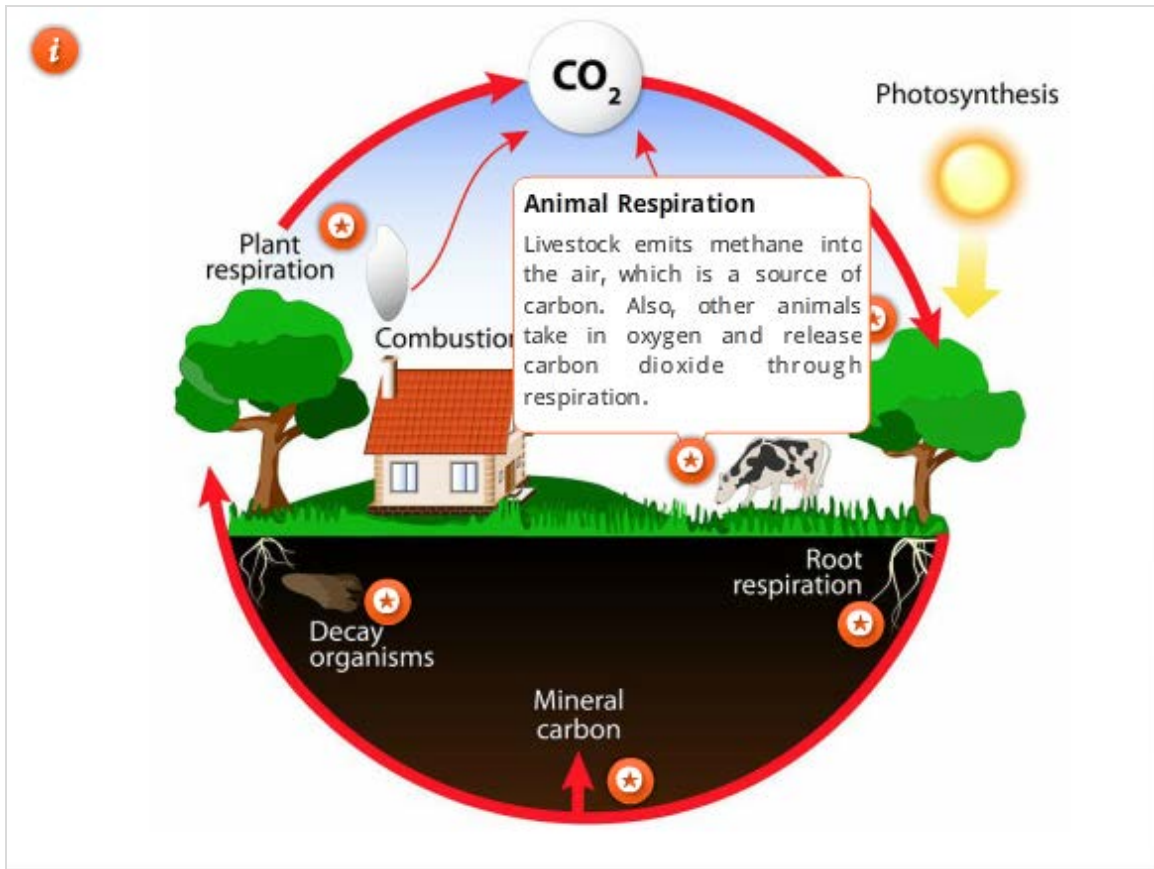
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Combustion

Humans burn fossils fuels for industry. In addition, automobiles and home heating systems are sources of combustion.

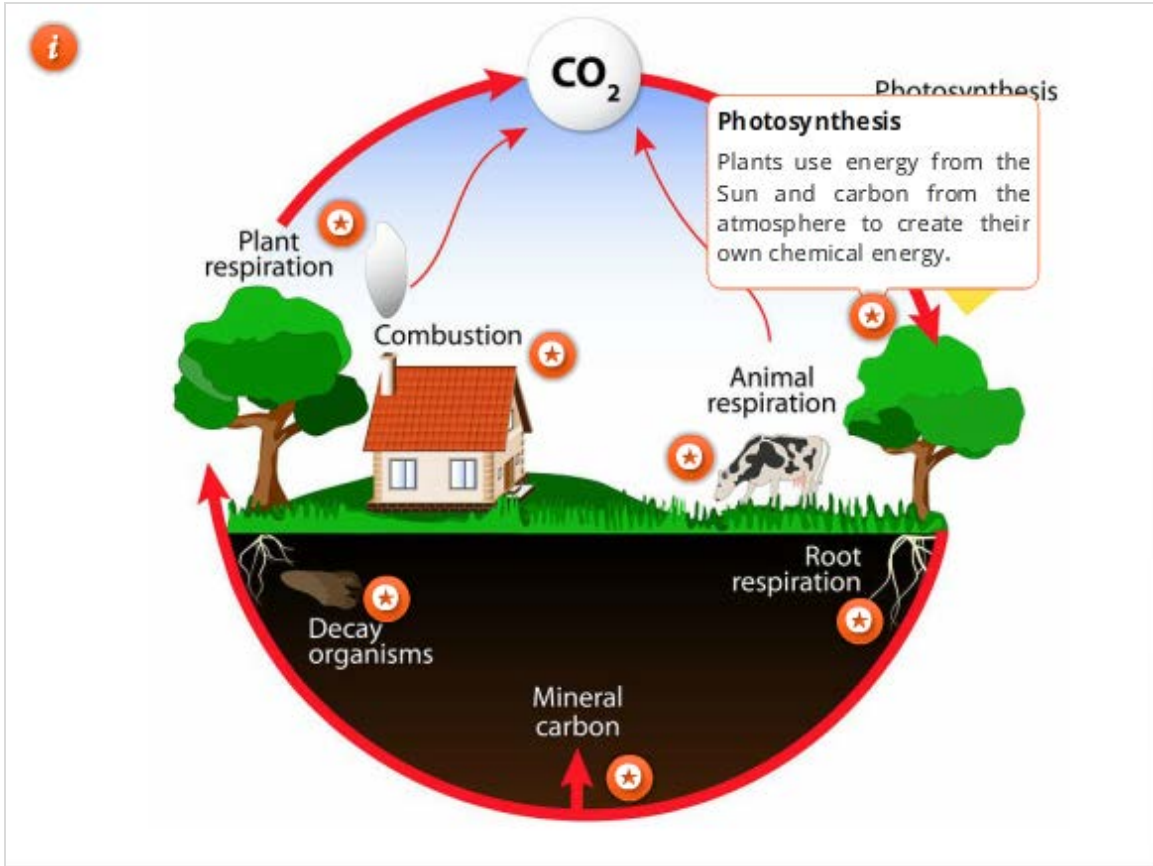
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Animal Respiration

Livestock emits methane into the air, which is a source of carbon. Also, other animals take in oxygen and release carbon dioxide through respiration.

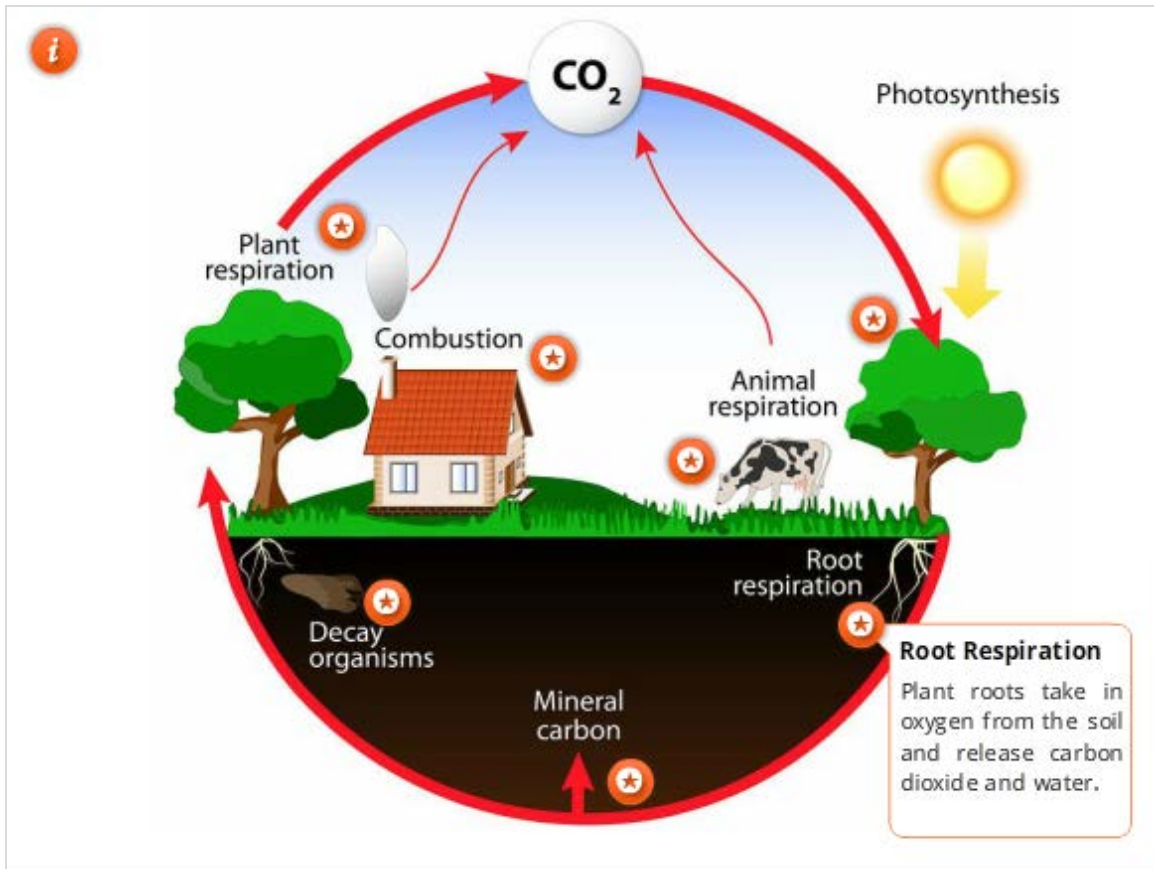
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Photosynthesis

Plants use energy from the Sun and carbon from the atmosphere to create their own chemical energy.

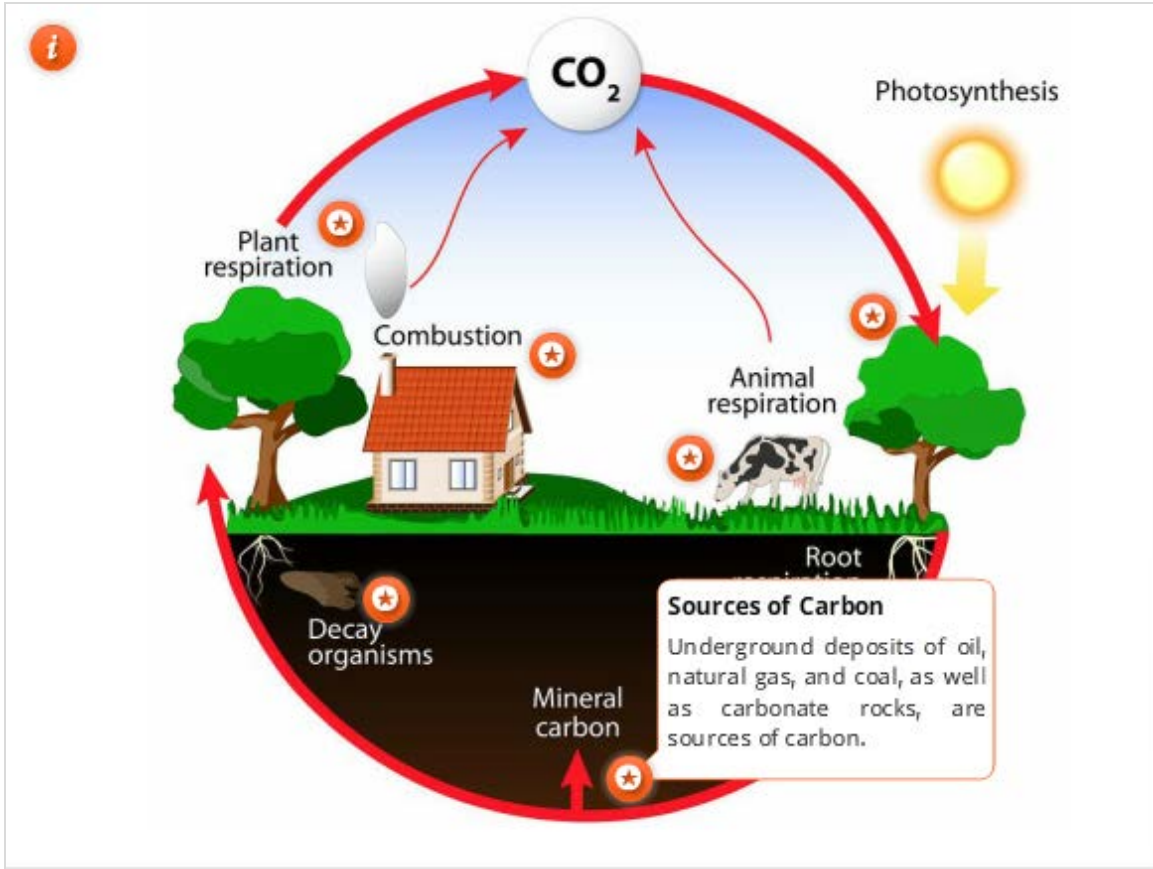
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Root Respiration

Plant roots take in oxygen from the soil and release carbon dioxide and water.

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Sources of Carbon

Underground deposits of oil, natural gas, and coal, as well as carbonate rocks, are sources of carbon.