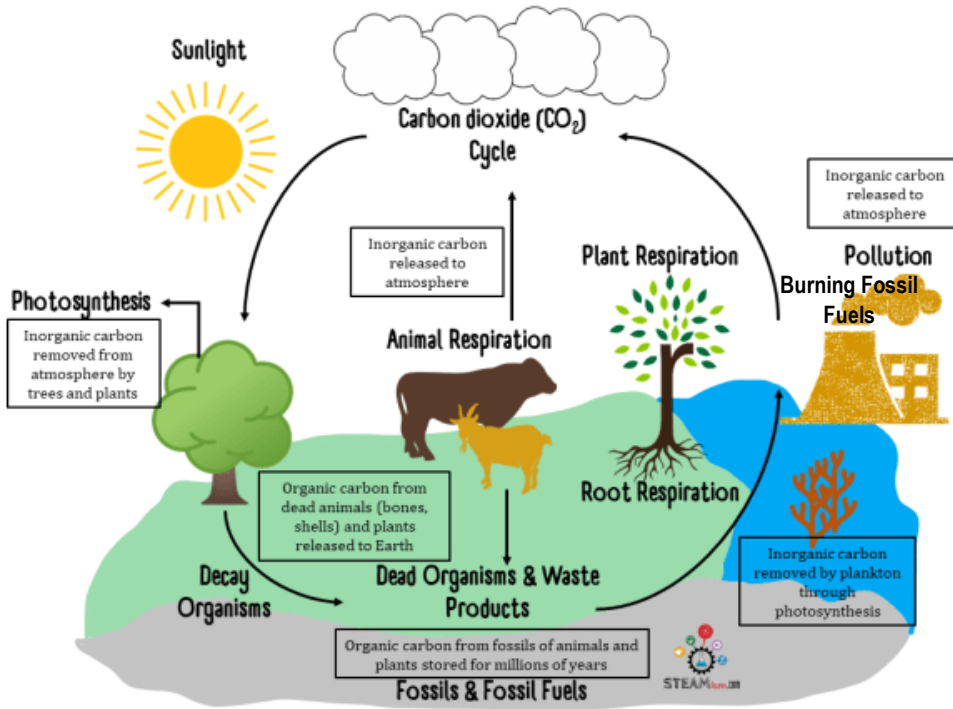


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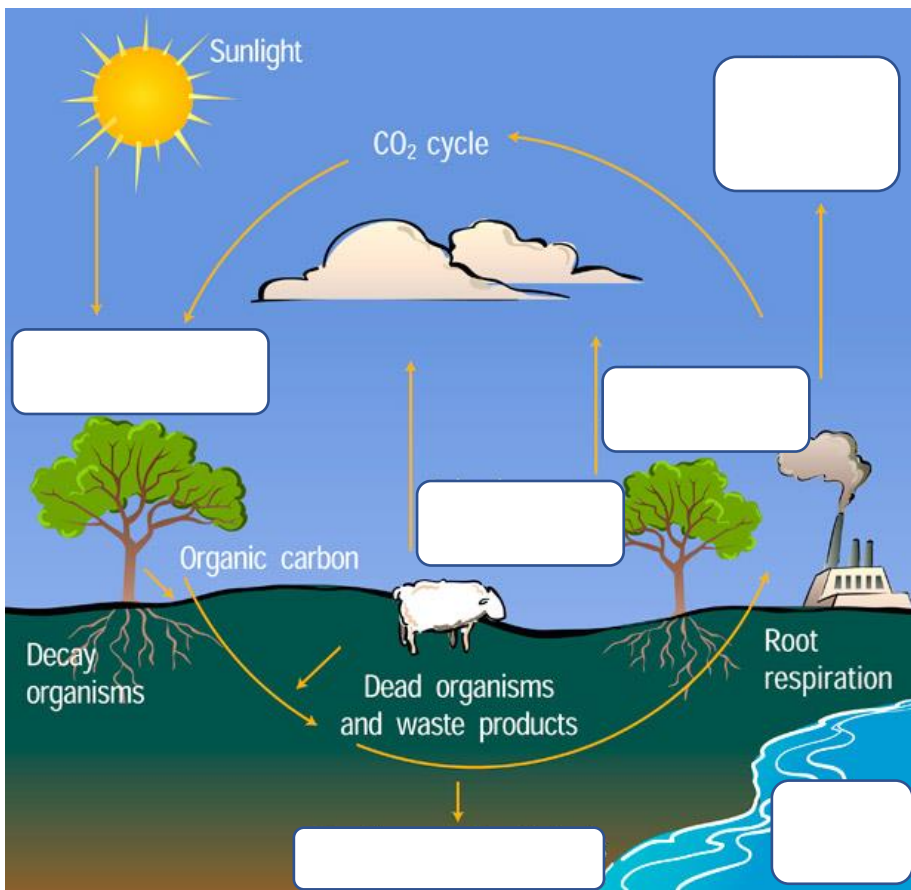


Biogeochemical Cycles: Carbon Cycle



The Carbon Cycle

1. What are two processes that release inorganic carbon into the atmosphere?
2. How does carbon get into the earth?
3. What process in plankton removes carbon?
4. How would cutting down a forest affect the carbon cycle?
5. How would ocean pollution affect the carbon cycle?

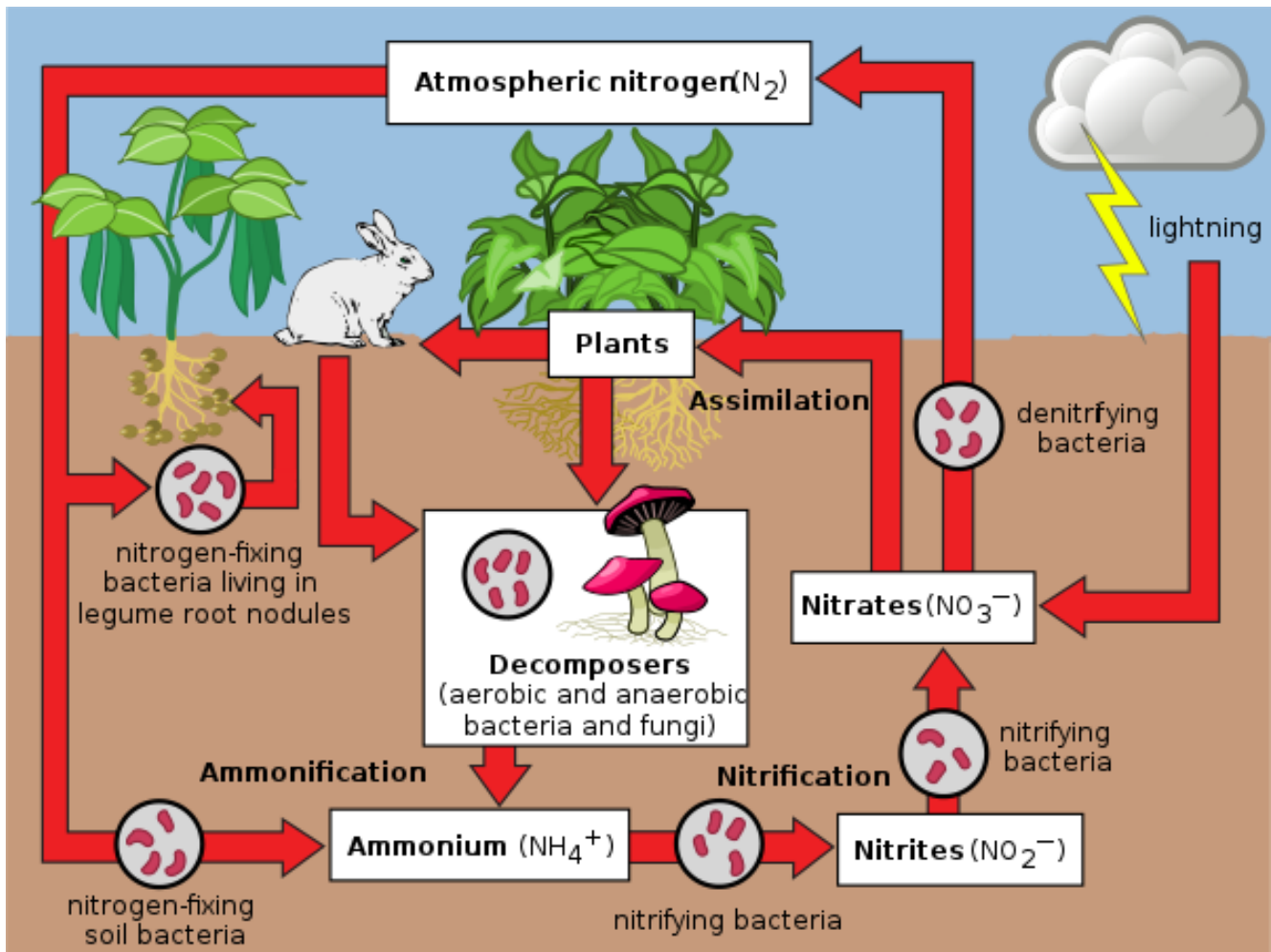


The Carbon Cycle

Write the following descriptors where they belong in the carbon cycle on the left.

- Plant respiration CO₂ release
- Animal respiration CO₂ release
- Burning fossil fuels CO₂ release
- Plankton absorption CO₂ intake
- Photosynthesis CO₂ intake
- Fossil fuel CO₂ storage

Biogeochemical Cycles: Nitrogen Cycle



Study the image above to answer the questions below:

1. What type of organism converts nitrogen into the usable form of nitrates for plants?
2. What types of organisms break down dead organisms and returns nitrogen to the soil?
3. How do animals get nitrogen?
4. What atmospheric occurrence adds nitrates to the soil?
5. How does nitrogen enter a plant?