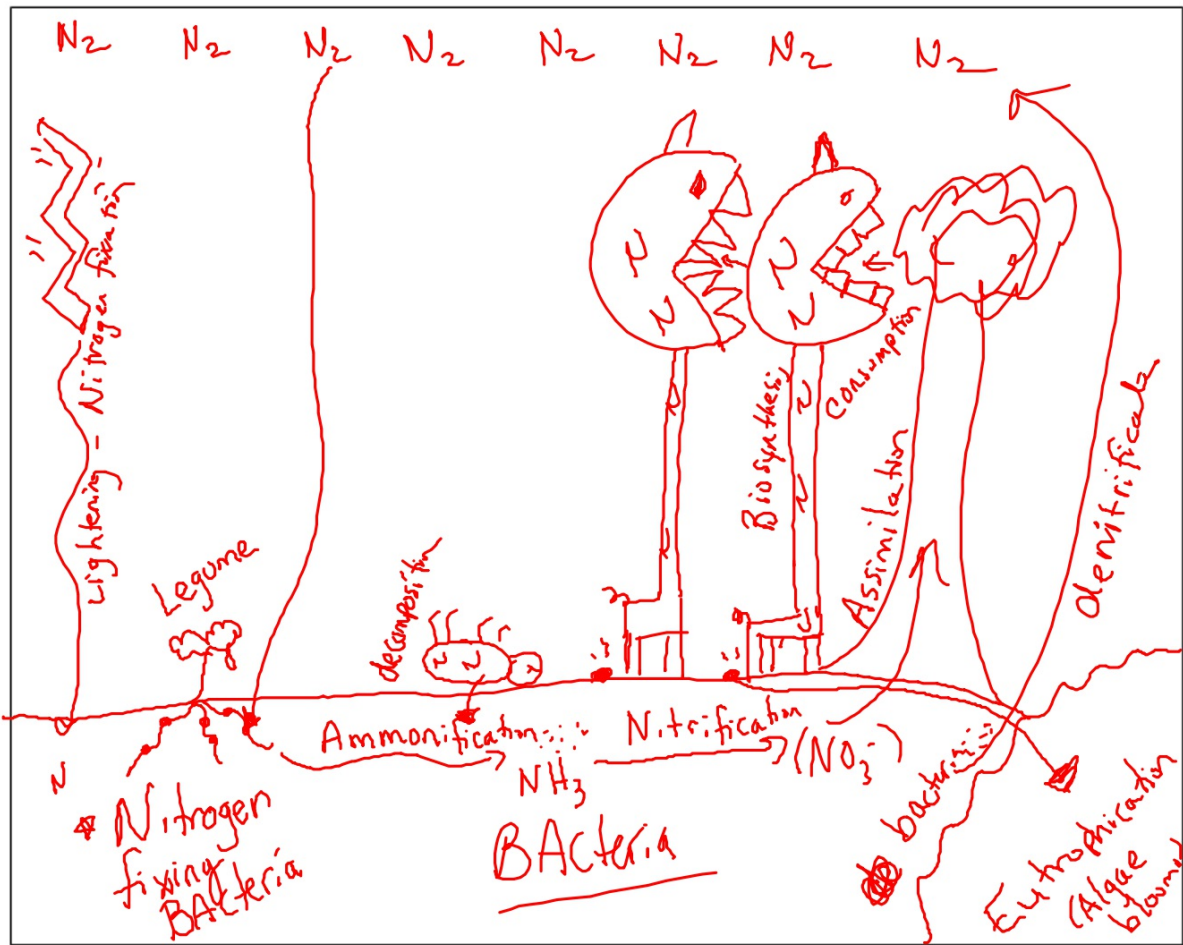


Nitrogen Cycle



Nitrogen Cycle Vocabulary

Nitrogen Fixation: ↓

Done by Bacteria in the root nodules of legumes. Takes nitrogen from the air and traps it into the soil.

Assimilation:

Ammonification: Bacteria convert organic nitrogen to ammonia

Nitrification: change the form of nitrogen so that it is usable by plants (ammonia to nitrites / nitrates) Bacteria

↑ **Denitrification:** Converts nitrates/nitrites back Nitrogen gas to Release nitrogen back to the air

Eutrophication: Caused by too much nitrogen in the water (fertilizer runoff). Causes dead zones in water with no oxygen.