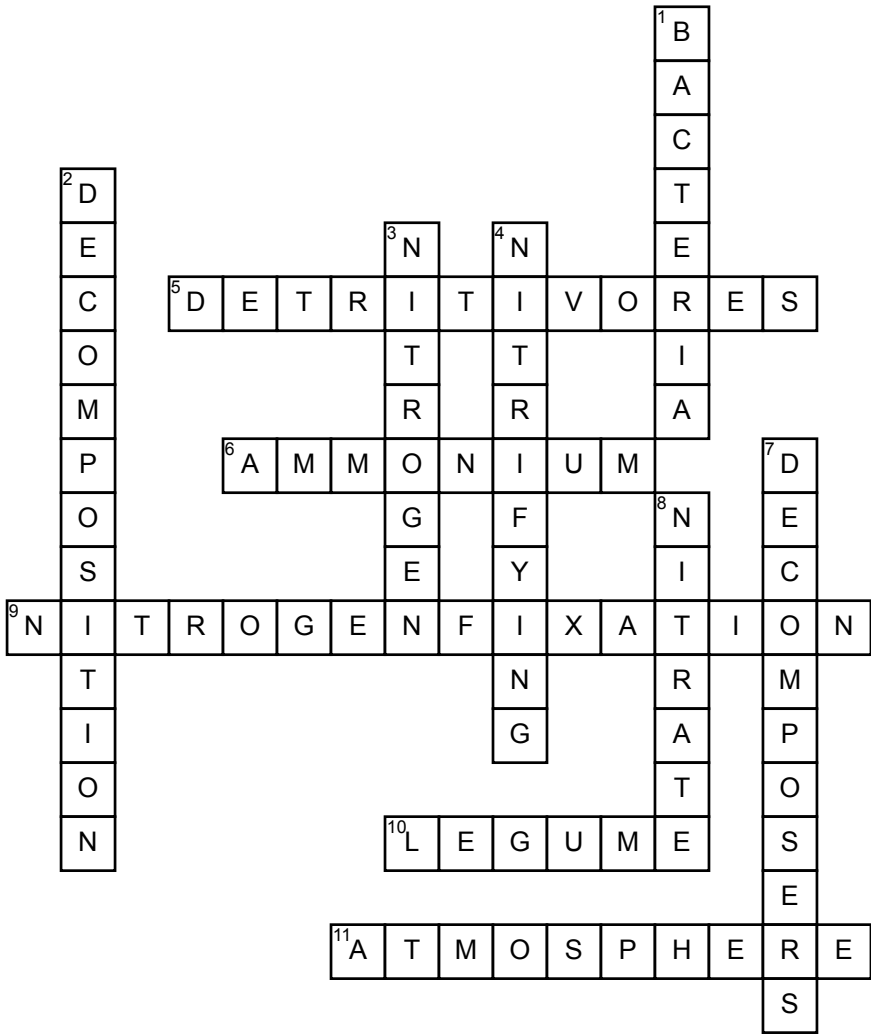


Period: _____

Nitrogen Cycle



Across

5. FBI
6. NH_4^+
9. Process by which nitrogen in the Earth's atmosphere is converted into a compound in the soil by bacteria that live in the root nodules of certain plant legumes
10. Nitrogen fixing monerans in _____ root nodules (#7 in N-cycle)
11. The envelope of gases surrounding the earth or another planet

Down

1. Organisms in the soil involved in every step of the nitrogen cycle.
2. The state or process of rotting; decay
3. A chemical element atomic number is 7 and symbol is N
4. The conversion of ammonium to nitrate
7. Organisms such as bacteria or fungi
8. NO_3

Word Bank

Decomposition

Ammonium

Detritivores

Bacteria

Nitrogen

Decomposers

Nitrifying

Atmosphere

Nitrogen fixation

Nitrate

legume