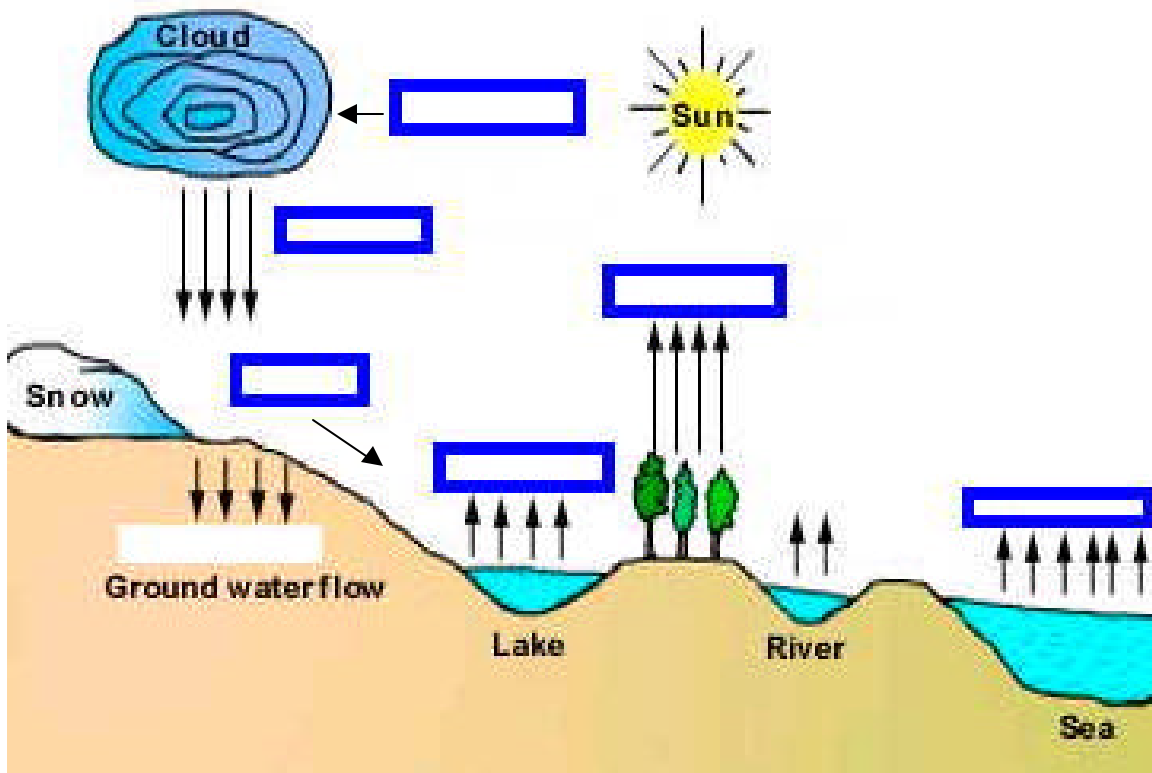


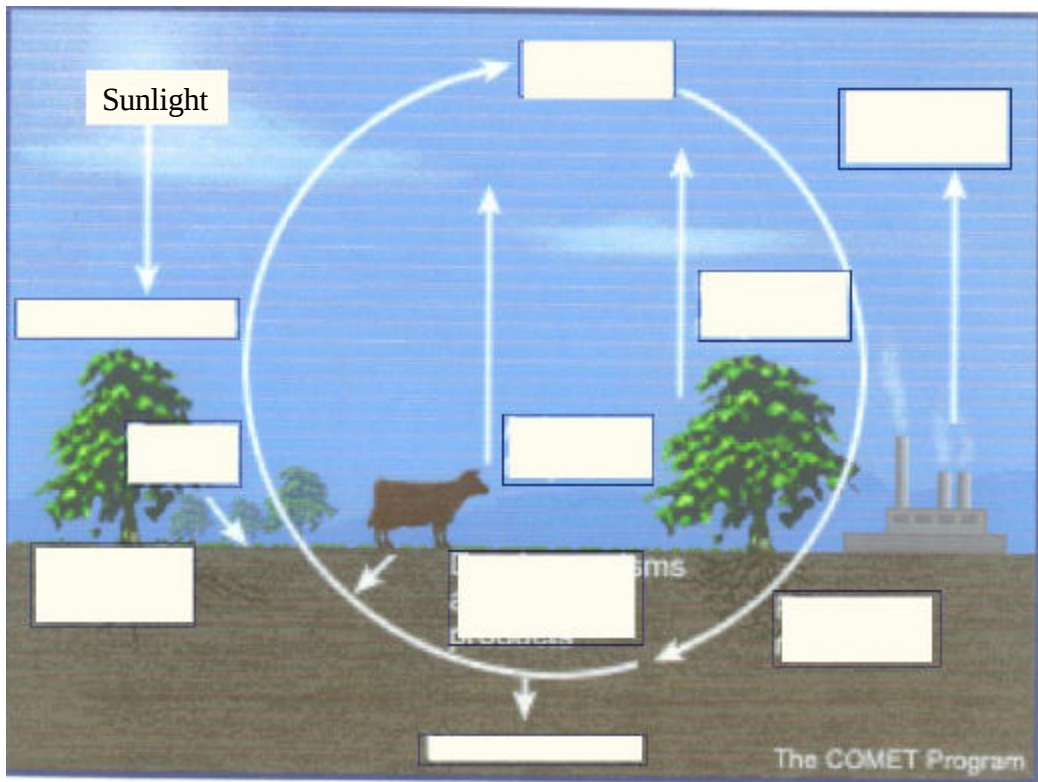
Matter Cycles

Part I: Using the terms in the word bank below each diagram, fill in the parts of the matter cycle pictured.

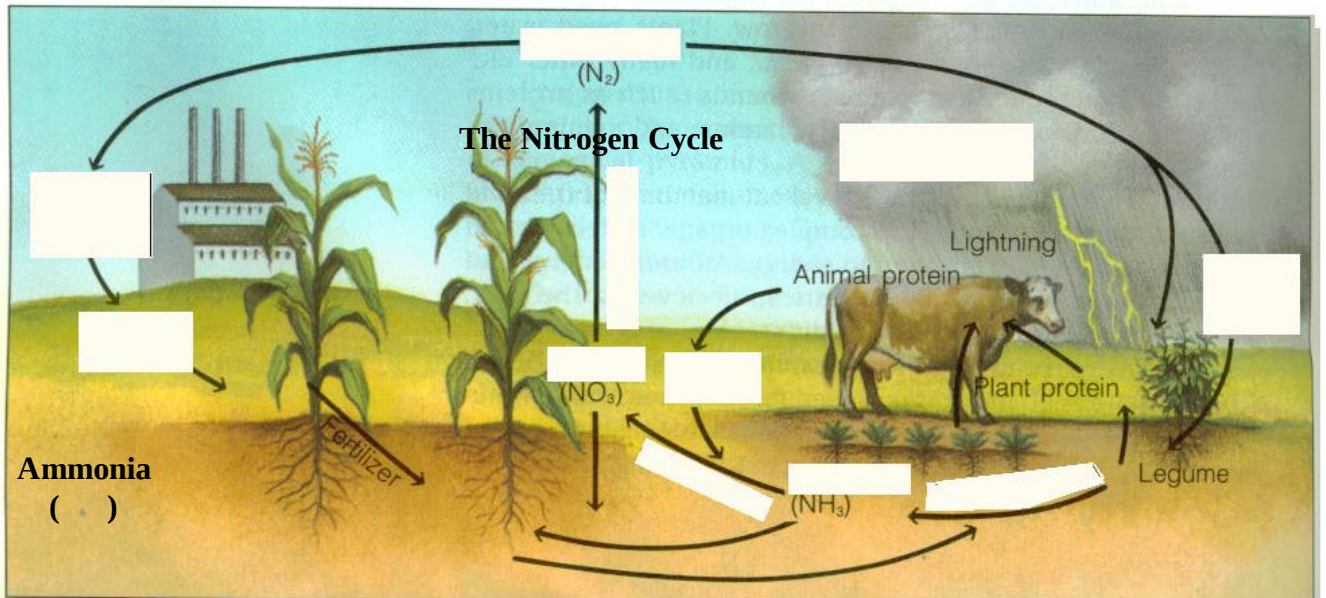


Terms: Water Vapor, Precipitation, Transpiration, Evaporation, Runoff, Percolation, Accumulation/Ground Water

The Carbon Cycle



Terms: Plant Respiration, Animal Respiration, Combustion, Death and Decomposition, Carbon Dioxide in the Atmosphere, Photosynthesis, Fossil Fuels



Terms: Denitrification, Nitrates, Ammonia, Atmospheric Nitrogen, Nitrification, Industrial Nitrogen Fixation, Ammonia, Atmospheric Nitrogen Fixation, Biological Nitrogen Fixation, Decomposition

Part II: Now that you have labeled the matter cycle diagrams, add air pollution to them and describe below how you think air pollution might change the nature of each cycle?

Air pollution will affect the water cycle by...

Air pollution will affect the carbon cycle by...

Air pollution will affect the nitrogen cycle by...