**Matter and Energy - Vocabulary**  
  
1) Energy-capacity of a body or system to do work  
2) Food-any nourishing substance that is eaten, drunk, or taken into the body to sustain life and provide energy  
3) Decomposition-breaking down of organic matter by bacteria and fungi  
4) Systems-an organism considered as a functioning body  
5) Environment-the air, water, organisms, and external factors surrounding organism  
6) Nitrogen Cycle-Atmospheric nitrogen and nitrogenous compounds in soil are converted into substances used by plants  
7) Carbon Cycle-Photosynthetic conversion of carbon dioxide into compounds used by plants  
8) Phosphorus Cycle-Circulation of phosphorus in various forms through nature  
9) Systems Models-describes model, including planning, design, and structure  
10) Energy Transfer-transfer of energy from one object to another