

<u>Ecosystem Vocabulary</u>	<u>Geological Processes Over Time</u>	<u>Diversity of Living Things</u>
<ul style="list-style-type: none"> ★ population ★ producer ★ consumer ★ decomposer ★ coexistence ★ cooperation ★ competition ★ predator ★ prey ★ parasitism ★ mutualism ★ thermal ★ habitat ★ matter ★ energy ★ niche ★ biotic ★ abiotic ★ internal ★ external ★ structure ★ scavenger ★ terrestrial ★ aquatic/marine ★ fresh water ★ salt water ★ food webs ★ symbiotic ★ commensalism ★ ecosystem ★ condensation ★ transpiration ★ evaporation ★ precipitation ★ food chain ★ cycle ★ fertilizer ★ herbivore ★ carnivore ★ omnivore ★ photosynthesis ★ ecologist ★ autotrophic ★ heterotrophic 	<ul style="list-style-type: none"> ★ breaking ★ uplift ★ geological ★ law of superposition ★ igneous rock ★ metamorphic rock ★ intrusion ★ ice core ★ faults ★ sediments ★ undisturbed rock layer ★ geologic time scale ★ uniformitarianism ★ relative age ★ absolute age ★ fossils ★ index fossil ★ trace fossils ★ relative dating ★ radioactive dating ★ erosion ★ radioactive decay ★ catastrophe ★ asteroid ★ sedimentary rock ★ folding ★ unconformity ★ geological column 	<ul style="list-style-type: none"> ★ anatomy ★ evolution ★ Pangea ★ variation ★ extinction ★ biological evolution ★ generation ★ adaptation ★ embryological similarities ★ artificial selection ★ natural selection ★ extinction ★ mutation ★ Fossil record ★ Genus ★ Domain ★ Species

<u>Biotechnology</u>	<u>Chemistry</u>	<u>Disease/ Molecular Biology/ Nutrition</u>
<ul style="list-style-type: none"> ★ biotechnology ★ ethics ★ forensic ★ cloning ★ genetic engineering ★ genetic modification ★ agriculture ★ GMO- Genetically Modified Organisms 	<ul style="list-style-type: none"> ★ Atom ★ Atomic number ★ Atomic mass ★ Electron ★ Proton ★ Neutron ★ Compounds ★ Mixtures ★ Mass number ★ Periodic Table ★ Dmitri Mendeleev ★ group ★ period ★ properties ★ metal ★ nonmetal ★ metalloid ★ nonreactive ★ transition metals ★ density ★ solubility ★ chemical reactions ★ exothermic reaction ★ endothermic reaction ★ chemical equation ★ Law of Conservation of Mass ★ product ★ reactant ★ heterogeneous ★ homogeneous ★ solution ★ Mixtures ★ Compound ★ Pure substance ★ Solution ★ Solubility ★ Concentration ★ Solute ★ solvent 	<ul style="list-style-type: none"> ★ virus ★ bacteria ★ fungi ★ disease ★ epidemic ★ pandemic ★ host cell ★ vaccine ★ AIDS ★ influenza ★ common cold ★ polio ★ chicken pox ★ small pox ★ yellow fever ★ meningitis ★ West Nile ★ Ebola ★ rabies ★ Lyme disease ★ leprosy ★ antibiotic ★ antiviral drug ★ vector ★ infectious disease ★ noninfectious disease ★ pathogen ★ biomedical research ★ tuberculosis ★ Carbohydrates ★ Nucleic acid ★ Lipid ★ Phospholipid ★ Protein ★ Macronutrients ★ Hygiene

<u>Hydrosphere</u>	<u>Impact on Water</u>	<u>Effects of Energy</u>
<ul style="list-style-type: none"> ★ hydrosphere ★ distribution ★ river basin ★ ice caps ★ glacier ★ aquifer ★ surface water ★ watershed ★ saturated ★ impermeable ★ permeable ★ groundwater ★ waterway ★ sediment ★ evaporation ★ precipitation ★ terrestrial ★ Wetland ★ Estuary ★ Ecosystem ★ Dissolved gasses ★ Upwelling ★ Sustainability ★ Submarine ★ Sonar ★ Remote satellite ★ Bio-indicator 	<ul style="list-style-type: none"> ★ potability ★ dissolved oxygen ★ pH ★ nitrate ★ phosphate ★ turbidity ★ bio-indicators ★ contaminants ★ urbanization ★ agricultural ★ point-source pollution ★ non-point source ★ water quality ★ water treatment ★ Clean Water Act ★ Safe Drinking Act ★ Thermal pollution ★ pesticide residue ★ industrial waste ★ water treatment plants ★ Conservation ★ Stewardship 	<ul style="list-style-type: none"> ★ implications ★ depletion ★ renewable ★ nonrenewable ★ conservation ★ preservation ★ natural resources ★ stewardship ★ Renewable resources ★ Non-renewable resources ★ Fossil fuel ★ photovoltaic cells (solar energy) ★ hydroelectric energy ★ petroleum