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| **Ecosystem Vocabulary** | **Geological Processes Over Time** | **Diversity of Living Things** |
| * 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
 | * 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
 | * anatomy
* evolution
* Pangea
* variation
* extinction
* biological evolution
* generation
* adaptation
* embryological similarities
* artificial selection
* natural selection
* extinction
* mutation
* Fossil record
* Genus
* Domain
* Species
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| **Biotechnology** | **Chemistry** | **Disease/ Molecular Biology/ Nutrition**  |
| * biotechnology
* ethics
* forensic
* cloning
* genetic engineering
* genetic modification
* agriculture
* GMO- Genetically Modified Organisms
 | * 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
 | * 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
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| **Hydrosphere**  | **Impact on Water** | **Effects of Energy** |
| * 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
 | * 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
 | * implications
* depletion
* renewable
* nonrenewable
* conservation
* preservation
* natural resources
* stewardship
* Renewable resources
* Non-renewable resources
* Fossil fuel
* photovoltaic cells (solar energy)
* hydroelectric energy
* petroleum
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