**Life Science Unit Vocabulary Terms**

<http://www.wolframalpha.com/input/?i=ecology> Online Dictionary

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| 1st Quarter: Cell Cellular organization Cell Biologist Organ Organ system Tissue Organism Cellular Multicellular Unicellular Four basic types of tissue (connective, muscular, etc Mitochondria Chloroplast Cell membrane Nucleus Cytoplasm Cell Wall Cellular Respiration Photosynthesis Osmosis Diffusion Endocytosis Exocytosis Passive transport Active transport Mitosis DNA Chromosomes Photosynthesis Cellular Respiration Exocytosis Active transport Passive transport Photosynthesis Cellular respiration  3rd Quarter: Evolution Adaptation Charles Darwin Theory Generation Species Inheritance Evidence Hypothesis Variation Natural selection Speciation Evolution Paleontology Paleontologist Fossils Fossil layers Sedimentary rock Observations Inferences Skulls Geologic time Geologic time scale Classification Taxonomy Diversity Dichotomous key Paired statements Opposite statements Kingdom Animalia Kingdom Plantae Kingdom Fungi Kingdom Protista Kingdom Eubacteria Kingdom Archaebacteria Cell wall/no cell wall Prokaryotic Eukaryotic Decomposer Producer Consumer Scientific name Taxonomy Food web Food chain Consumer Decomposer Producer Scavenger Energy pyramid Predator Prey Water cycle Nitrogen cycle Carbon cycle Nitrogen fixing Matter Recycle Energy Herbivore Carnivore Omnivore Decomposition Photosynthesis Respiration | 2nd Quarter: Digestive system Respiratory system Reproductive system Circulatory system Excretory system Immune system Skeletal system Muscular system Nervous system Integumentary system DNA Gene Chromosome Heredity Allele Trait Phenotype Genotype Dominant Recessive Homozygous Heterozygous Punnett square Hybrid Purebred M e i o s i s Binary Fission Asexual reproduction Sexual reproduction Cloning Conjunction Regeneration External Fertilization Internal Fertilization Selective breeding Genetic cross Punnett square Probabilities Dominant Recessive Hybrid Variation Truebreeding Mutation Genetic engineering Offspring Purebred Pedigree  4th Quarter Relationships Symbiosis Commensalism Parasitism Mutualism Predator/prey Competition Mutually beneficial Competitive Parasite Host Population Community Biome Habitat Terrestrial Aquatic Tundra Taiga Tropical rain forest Temperate forest Boreal forest Deciduous forest Temperate grassland Desert Savanna Freshwater Estuary Marsh Swamp Marine Lakes Rivers Oceans |