Study Outline-Unit Test 8-Evolution

Mechanisms for Evolution

Mutations

Migration

Gene Drift

Nonrandom Mating

Natural Selection

Stabilizing Selection

Directional Selection

Disruptive Selection

Patterns of Evolution

Divergent Evolution

Adaptive Radiation

Convergent Evolution

Isolation

Geographic Isolation

Reproductive Isolation

Speciation

Antibiotic/Pesticide Resistance

Taxonomy/Classification

Binomial Nomenclature

Genus and species names makeup the Scientific name

Common vs Scientific Name

Levels of Classification

Kingdom, Phylum, Class, Order, Family, Genus, Species

Interpret Cladogram to determine recent common ancestor of organisms, derived characters (traits)

Characteristics of the Kingdoms

Use Dichotomous Key to identify an organism

**Study vocabulary**