

Draw A Line to the Match definition

Adaptation	Different DNA; each person has slightly different traits.
Evolution	Formation of a new species as a result of evolution and where two populations of the species can no longer interbreed. The steps are 1. separation 2. Adaptation 3. Division
Fossil	Group of organisms that are closely related genetically and can mate with each other AND produce fertile offspring. Range from bacteria to multi-cellular organisms.
Fossil Record	Human practice of choosing the best/desired traits in an organism and breeding the organisms so offspring will have it and that trait will dominate future generations
Generation Time	Organisms have to be able to reproduce to survive.
Genetic Variation	Characteristic that improves an organism's ability to survive AND reproduce in a given environment
Inheritance	Process where populations accumulate genetically INHERITED changes (adapted traits) within a population over time and new species sometimes arise. Scientists think we share a common ancestor
Natural Selection	Provide a historical record of life. Fossils found in the upper (newer) layer of earth's crust tend to look like present day organisms. The deeper in the crust, the earlier the organism was formed (dinosaurs)
Niche	remains of a once useful part of the body (evidence of structural evolution)
Overproduction	The natural environment doesn't have enough resources for all organisms to live and individuals with the best traits survive in the given environment
Selective Breeding	The natural process by which individuals that are adapted with genetic traits to their environment survive and reproduce more successfully than less well adapted organisms.
Speciation	The passing of traits from parents to offspring through reproduction
Species	The specific role or job and organism has in the environment like pollinator, predator, prey, decomposer
Struggle to Survive	Time between birth of 1 generation & the birth of the next.
Successful Reproduction	Trace remains or imprints of once-living organisms that have died out
Vestigial Structures	When organisms produce more offspring than will survive.

