

Name: _____

Date: _____

MECHANISMS OF EVOLUTION VOCABULARY PreAP

*Write in the letter for the definition next to the term. You are to complete this worksheet on your own.
Use your chart and previous class work.*

_____ Speciation	_____ Directional Selection
_____ Punctuated Equilibrium	_____ Reproductive Isolation
_____ Gradualism	_____ Genetic drift
_____ Convergent Evolution	_____ Gene flow
_____ Divergent Evolution	_____ Allele frequency
_____ Natural Selection	_____ Gene pool
_____ Biogeography/Geographic Isolation	_____ Variation
_____ Stabilizing Selection	_____ Coevolution
_____ Disruptive Selection	_____ Adaptation

- A.** the formation of new and distinct species in the course of evolution
- B.** Differences expressed within a species
- C.** Those individuals that survive better than the others, will pass on their genes to the offspring
- D.** The total number of genes of every individual in an interbreeding population
- E.** Reproduction doesn't occur because they mate at different times
- F.** Random change of allele frequency when individuals move from one population to another
- G.** Random change of allele frequency within one population
- H.** TWO species that have a partnership or symbiotic relationship evolve together to continue the relationship
- I.** Any change in the traits of an organism that allows it to survive and reproduce more effectively in its environment
- J.** TWO separate species in different areas evolve to look or behave in a similar manner
- K.** An isolation occurs between two populations of a species and they end up evolving differently into two new species
- L.** Natural selection favors one extreme in a population
- M.** Periods of rapid speciation followed by long periods of stasis –no change
- N.** Natural selection favors two opposite extremes in a population
- O.** Natural selection gradually changes the features of a species
- P.** Natural selection favors the average in a population
- Q.** ONE species evolves into two or more different species
- R.** The percentage of the genes that are a certain allele (type of trait)