

**MECHANISMS OF EVOLUTION VOCABULARY**

*After completing the Evidence Vocabulary activity, write in the letter for the definition next to the term. You are to complete this worksheet on your own.*

_____ Speciation	_____ Genetic drift
_____ Punctuated Equilibrium	_____ Gene flow
_____ Gradualism	_____ Allele frequency
_____ Convergent Evolution	_____ Gene pool
_____ Divergent Evolution	_____ Variation
_____ Natural Selection	_____ Coevolution
_____ Biogeography/Geographic Isolation	_____ Cladogram

- A.** A species adapting to a new environment becomes a new species.
- 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.** Random change of allele frequency when individuals move from one population to another
- F.** Random change of allele frequency within one population
- G.** TWO species that have a partnership or symbiotic relationship evolve together to continue the relationship
- H.** TWO separate species in different areas evolve to look or behave in a similar manner
- I.** An isolation occurs between two populations of a species and they end up evolving differently into two new species
- J.** Slow and steady change over time.
- K.** Periods of rapid speciation followed by long periods of stasis –no change
- L.** ONE species evolves into two different species
- M.** The percentage of the genes that are a certain allele (type of trait)
- N.** A branching diagram showing the relationship between a number of species

**Turn this in to the basket for a grade.**