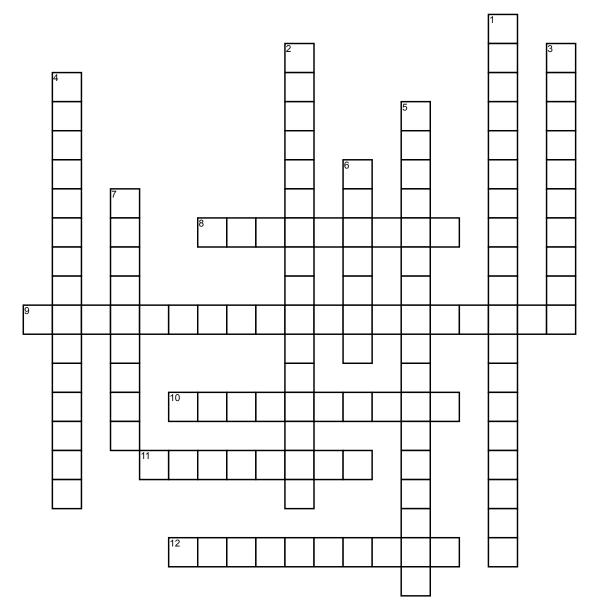
## evolution



## <u>Across</u>

8. different kinds of living organisms are thought to have developed and diversified from earlier forms during the history of the earth

**9.** evolutionary mechanism that helps members of the same species identify each other as proper mates.

**10.** is a trait with a current functional role in the life of an organism that is maintained and evolved by means of natural selection.

11. the set of all genes, or genetic information, in any population, usually of a particular species
12. splitting of a single evolutionary lineage into two or more genetically independent lineages

## <u>Down</u>

**1.** The separation of two populations of the same species or breeding group by a physical barrier, such as a mountain or body of water.

**2.** characteristic of an individual that allows it to survive to produce more offspring

3. A group of organisms of one species that interbreed and live in the same place at the same time
4. is the relative frequency of an allele (variant of a gene) at a particular locus in a population, expressed as a fraction or percentage

5. genetic isolation achieved due to temporal differences in breeding.6. the ability to survive to reproductive age, find a mate, and

produce offspring.

7. any difference between cells