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Evolution

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| **Across**  **1.** Remnant of a structure that may have had an important function in a species ancestors, but has no clear function in the modern species  **2.** Ability of an organism to survive and reproduce in its environment  **6.** A change in the allele frequency of a population as a result of chance events rather than natural selection  **11.**  Structures in different species that are similar because of common ancestry  **12.** This person was born in 1809 and died in 1832. He wrote “ On The origin of Species by Means of Natural Selection”  **13.** Organisms with specific traits in order to produce offspring’s with identical traits.  **14.** Structures that do not have a common evolutionary origin but are similar in function | **Down**  **3.** A process in which individuals that have certain traits tend to survive and reproduce at higher rates than other individuals because of those traits.  **4.** Form of relocation diffusion involving permanent move to a new location.  **5.** A trait that helps an organism survive and reproduce  **7.** A structural adaption that enables an organism to blend in with its environment  **8.** a sudden departure from the parent type in one or more heritable characteristics, caused by a change in a gene or a chromosome. an individual, species, or the like, resulting from such a departure  **9.** -Ability of an animal to look like another more harmful animal.  **10.** The sequence of events involved in the evolutionary development of a species of a group of organisms |