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Evolution, Chapter 10

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| **Across**  **3.** the ability for a trait to be passed from one generation to the next  **4.** \_\_\_\_\_\_\_\_\_ evidence relies on similar features in embryos  **5.** the differences in traits among individuals within a group  **8.** the theory that natural disasters like floods have happened often during Earth's history  **9.** a feature that allows an organism to better survive in its environment  **12.** \_\_\_\_\_\_\_\_\_\_structures perform similar function but are NOT similar in origin  **13.** all the individuals of a species that live in a certain area  **15.** the principle that changes in landforms happen slowly over a long period of time  **16.** a group of organisms that can reproduce and have fertile offspring  **18.** a theory that states geologic processes that shape the Earth are uniform over time  **20.** traces of organisms that existed in the past  **21.** the process of biological change by which descendants look different than their ancestors  **22.** the study of fossils or extinct organisms | **Down**  **1.** \_\_\_\_\_\_\_\_\_\_\_ selection is when nature is the selective agent of which organisms will survive and reproduce  **2.** the study of the distribution of organisms around the world  **6.** the principle taht having many offspring increases teh chance that some will survive  **7.** \_\_\_\_\_\_\_\_\_\_\_\_\_structures are features taht are similar in structure but appear in different organsims and have different functions  **10.** \_\_\_\_\_\_\_\_\_structures are remnants that hada function in an earlier ancestor but are underdeveloped or unused in a later organism  **11.** a measure of the ability to survive and produce more offspring  **14.** A naturalist who thought that changes in physical characteristics were driven by changes in the environmnent over time  **17.** a naturalist who studied species on the Galapagos Island and thought all living things descended from a common ancestor  **19.** \_\_\_\_\_\_\_\_ evidence relies on similarities in DNA sequences |