

Quick Vocabulary

Lesson 1

biological evolution change over time in populations of related organisms

cast fossil copy of an organism in a rock

extinction when all individuals of a species have died

fossil record set of all the fossils ever discovered on Earth

geologic time scale chart that divides Earth's history into different time units

isotopes atoms of the same element that have different numbers of neutrons

mold impression of an organism in a rock

tissue similar cells that work together and perform a function

trace fossil preserved evidence of the activity of an organism

Lesson 2

adaptation characteristic of a species that enables the species to survive in its environment

camouflage adaptation that enables species to blend in with their environments

convince to overcome by argument

mimicry resemblance of one species to another species

natural selection process by which populations of organisms with variations that help them survive in their environments live longer, compete better, and reproduce more than those that do not have the variations

naturalist person who studies plants and animals by observing them

selective breeding the breeding of organisms for desired characteristics

variation slight difference in the appearance of individual members of a species

Quick Vocabulary

Lesson 3

analogous structure body part found in multiple species that performs a similar function but differs in structure

comparative anatomy study of similarities and differences among structures of living species

embryology science of the development of embryos from fertilization to birth

homologous structure body part found in multiple species that is similar in structure and position but different in function

vestigial structure body part that has lost its original function through evolution