

Across

- ✓1 each organism can be harmed by this type of species interaction
- ✓6 a group of different types of tissues that work together to perform a single function
- ✓8 animals, fungi and bacteria
- ✓9 involves a series of steps in which organisms transfer energy by eating and being eaten
- ✓11 a type of factor in an ecosystem (ie/ temperature)
- ✓14 unique role of a species within an ecosystem
- ✓19 muscle, epithelial, nerve and connective are examples
- ✓20 group of organisms so similar to one another that they can breed and produce fertile offspring
- ✓22 number of organ systems in the human body
- ✓23 the scientific study of interactions among organisms and between organisms and their environment (surroundings)

Down

- ✓2 a single living thing
- ✓3 group of individuals that belong to the same species and live in the same area
- ✓4 _____ or feeding level
- ✓5 energy _____ through an ecosystem
- ✓7 the interaction between a coyote/ and deer is an example of this type of species interaction
- ✓10 extends from about 8 km above Earth's surface to as far as 11 km below the surface of the ocean
- ✓12 tick, flea or tapeworm
- ✓13 nutrients _____ through an ecosystem
- ✓14 an essential element
- ✓15 a collection of different populations that live together in a defined area
- ✓16 a collection of all the organisms that live in a particular place together with their nonliving, or physical environment
- ✓17 relationship in which both organisms benefit
- ✓18 basic unit of all forms of living things
- 21 percentage of energy that moves from one trophic level to the next