

Name: _____

I-O Vocabulary

Complete the crossword below

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Across

- 2.** body of water with a low supply of plant nutrients, high in oxygen
- 5.** broad and diffuse areas from which pollutants enter bodies of surface water or air
- 6.** chemical that kills insects
- 9.** downward movement of water through soil
- 10.** outer shell of the earth, composed of crust and outer mantle (outside of asthenosphere)
- 12.** rock formed when magma wells up from the earth's core, cools and solidifies into rock masses
- 13.** combined use of biological, chemical and cultivation methods in proper sequence and timing to keep the size of a pest population below the level that causes economically unacceptable loss
- 14.** processes of nature, such as purification of air and water and pest control, which support life and human economies
- 16.** species that play roles affecting many other organisms in an ecosystem
- 17.** nonnative species
- 18.** colorless and highly reactive gas and a major component of photochemical smog, also found in the ozone layer of the stratosphere
- 19.** a curve that represents a prolonged exponential growth
- 20.** process by which a particular beneficial gene is reproduced in succeeding generations more than other genes. (better adaptation, survival of fittest)
- 22.** the area of shoreline between low and high tides
- 28.** movement of people into and out of specific geographic areas
- 30.** molten rock below the earth's surface
- 31.** solid, waxy mixture of hydrocarbons found in oil shale rock
- 32.** body of water with moderate nutrients, moderate oxygen
- 33.** type of species interaction in which both participating species generally benefit
- 34.** rock produced when a preexisting rock is subjected to high temperatures, high pressures, chemically active fluids or a combo of these

Down

- 1.** average number of years a newborn infant can be expected to live
- 3.** animal with no backbone
- 4.** total way of life or role of a species in an ecosystem
- 7.** species that normally live and thrive in a particular ecosystem
- 8.** conversion of atmospheric nitrogen gas, by lightning, bacteria and cyanobacteria, into forms useful to plants
- 11.** migration of people into a country to take up permanent residence
- 15.** chemical or form of radiation that causes inheritable changes in the DNA
- 21.** destruction of vegetation when too many grazing animals feed too long on a specific area of pasture or rangeland and exceed the carrying capacity of a rangeland or pasture area
- 23.** any naturally occurring inorganic substance found in the earth's crust as a crystalline solid
- 24.** process in which various chemicals in upper layers of soil are dissolved and carried to lower layers and in some cases, to groundwater
- 25.** animal that can use both plants and other animals as food sources
- 26.** zone of the earth's interior between its core and its crust
- 27.** cultivation of a single crop
- 29.** layer of soil and rock overlying a mineral deposit. surface mining removes this layer