



Name \_\_\_\_\_

# Population Ecology

A crossword puzzle grid with 38 numbered starting points for clues. The grid consists of black and white squares. The numbers are placed in the top-left corner of the starting square for each word.

- 1: Down, 10 squares
- 2: Down, 10 squares
- 3: Down, 10 squares
- 4: Down, 10 squares
- 5: Across, 10 squares
- 6: Down, 10 squares
- 7: Across, 10 squares
- 8: Across, 15 squares
- 9: Across, 10 squares
- 10: Across, 10 squares
- 11: Down, 10 squares
- 12: Across, 10 squares
- 13: Across, 15 squares
- 14: Down, 5 squares
- 15: Down, 5 squares
- 16: Across, 15 squares
- 17: Down, 5 squares
- 18: Down, 5 squares
- 19: Down, 5 squares
- 20: Down, 10 squares
- 21: Down, 5 squares
- 22: Down, 10 squares
- 23: Across, 10 squares
- 24: Down, 5 squares
- 25: Across, 10 squares
- 26: Across, 10 squares
- 27: Down, 10 squares
- 28: Across, 15 squares
- 29: Across, 5 squares
- 30: Down, 5 squares
- 31: Down, 5 squares
- 32: Across, 15 squares
- 33: Across, 15 squares
- 34: Down, 5 squares
- 35: Across, 15 squares
- 36: Across, 10 squares
- 37: Across, 5 squares
- 38: Across, 15 squares



# Clues



## Across

- 5 The study of human populations.
- 7 This term refers to the spatial distribution of individuals within the population.
- 8 This is a graphical representation that shows the population of a country broken down by gender and age group. (3 Words)
- 9 The interaction between two different organisms in which one captures and feeds upon the other.
- 10 The number of deaths occurring in a given period of time. (2 Words)
- 12 This type of curve on a graph represents exponential growth. (2 Words)
- 13 In this type of reproduction, the organism produces a few offspring each year for several years. (2 Words)
- 16 A factor that affects all populations in similar ways, regardless of the size of the population. (3 Words)
- 23 The movement of individuals out of a population.
- 25 The amount by which a population's size changes in a given time. (2 Words)
- 26 The length of time an individual is expected to live. (2 Words)
- 28 A term used to describe a dramatic change in birth and death rates in a country. (2 Words)
- 29 The organism that a parasite feeds on is called the \_\_\_\_\_.
- 32 This occurs when the members of a population are reproducing at a constant rate. (2 Words)
- 33 Patterns on a graph that show the likelihood of survival at different ages throughout the lifetime of the organism. (2 Words)
- 35 In this type of dispersion, individuals are separated by a fairly even distance. (2 Words)
- 36 An organism that lives in or on another living organism.
- 37 This survivorship curve indicates a constant death rate over the organism's life span. (2 Words)
- 38 The number of individuals the environment can support over a long period of time. (2 Words)

## Down

- 1 An organism that captures, kills and eats another living organism.
- 2 The movement of individuals into a population.
- 3 This survivorship curve indicates a high death rate among the young. (2 Words)
- 4 A limiting factor that depends on population size. (3 Words)
- 6 In this type of dispersion, the location of one individual is independent of the location of the other individuals. (2 Words)
- 9 A group of individuals of the same species that live in the same area at the same time.
- 11 This term describes the range of area that is inhabited by a population. (2 Words)
- 14 In this type of reproduction, an organism produces all of its offspring in a single event. (3 Words)
- 15 This survivorship curve indicates a low death rate in the early and middle stages of life, and a high death rate at the later stages of life. (2 Words)
- 17 The number of births occurring in a given period of time. (2 Words)
- 18 This type of curve on a graph represents logistic growth. (2 Words)
- 19 The interaction that occurs between organisms as they struggle to obtain the same limited resources.
- 20 In this type of dispersion, the individuals are clustered together in groups. (2 Words)
- 21 A factor that causes population growth to decrease. (2 Words)
- 22 Birth rate and immigration will \_\_\_\_\_ the size of population.
- 24 This term refers to the number of individuals per unit area. (2 Words)
- 27 A model of population growth in which growth slows or stops following a period of exponential growth. (2 Words)
- 30 A space that an animal defends against encroachment by other individuals.
- 31 Death rate and emigration will \_\_\_\_\_ the size of a population.
- 34 The organism that a predator feeds upon.