

Ecology Test Part 1 Study Guide

For the first Ecology test, you will need to know the following concepts.

- ⇒ The water cycle, how it works and its vocabulary.
- ⇒ The energy cycle, how it works, and its vocabulary.
- ⇒ Limiting factors and how they affect living things.
- ⇒ What are biotic and abiotic factors, and what are some examples of each.
- ⇒ Food chains and food webs.
- ⇒ The basics of groundwater, what it is and its vocabulary.

You will also need to be familiar with these vocabulary words:

producers	abiotic factor	recharge
consumers	dissolved oxygen	cone-of-depression
decomposers	turbidity	porosity
omnivore	pH	permeability
herbivore	carrying capacity	impermeable
carnivore	limiting factor	ecosystem
food chain	invertebrate	food web
predator	water cycle	pollution
prey	ground water	point-source
biotic factor	aquifer	nonpoint-source
environment	water table	ecology
energy cycle	energy pyramid	biomass
solar energy	niche	organic

There may be a few other words from class that you should know. Looking over your notes several times would be a good review. Reviewing the concepts in your packet would also be very helpful.

The bottom line is: You need to STUDY for this test!