Environmental Science Mid Term Study Guide **NAME _____**

Chapter 1

"spaceship Earth"
"Tragedy of the Commons"
biodegradable
biodiversity
cost – benefit analysis
developed nation
law of supply and demand
nondegradable
renewable resource
sustainability

Chapter 2

conceptual model
data
educational value
environmental value
ethical/moral value
experiment
graphical model
hypothesis
mathematical model
observation
physical model
prediction
recreational value
social/cultural value

Chapter 3

atmosphere
conduction
crust
erosion
groundwater
ions
magma
mesosphere
methane
mudflow
phytoplankton
river system
sunlight
surface zone
troposphere

Chapter 4

abiotic factors
adaptation
animals
artificial selection
bacteria
biotic factors
evolution

fungi
habitat
natural selection
plants
population
protists
resistance
species

Chapter 5
algal bloom
atmospheric nitrogen
carbon cycle
cellular respiration
climax community
consumer
decomposer
decomposers
ecological succession
food web
increased atmospheric CO2
nitrogen cycle
nitrogen-fixing bacteria
old-field succession
phosphorus cycle
photosynthesis
pioneer species
primary succession
producer
secondary succession

Chapter 6
canopy
chaparral
desert (2)
emergent layer
grasslands
savanna
taiga (2)
temperate grassland
tropical rain forest (2)
tundra (2)
understory

Chapter 7
barnacle
benthos
coral reef (2)
nekton
open ocean
plankton
pond
runoff
temperature