

**Final Exam Review
Topics to Study
Ecology Unit
2012**

Biotic/Abiotic

Definitions of each, examples, ways that they interact

Water Cycle

All three stages, what happens during each and why

Carbon Cycle

All four processes: photosynthesis, cellular respiration, decomposition, combustion

Which processes add carbon to the atmosphere, which take it out

Photosynthesis and Cellular Respiration

What are the reactants and products for each reaction?

Which reaction needs energy to be put in, which gives energy off?

Food Chain/Food Web

Similarities/Differences

Examples of each

Producers/Consumers/Decomposers

Roles of each in a food chain/web

Examples of each

Primary/Secondary/Tertiary/Quaternary consumers

Herbivores/Carnivores/Omnivores

Climate Zones/Seasons

What/where the climate zones are

What causes seasons

Your Biome (wikis are still available to view at pbworks.com)

General info about climate, seasons, soil, rainfall, plants/animals, etc.