E.S. 1.2

Interactions of Living Things

The Energy Connection (how organisms get energy)

 Producers – make their own food through photosynthesis

 Consumers – eat other organisms (either plant or animal)

 Herbivore – eats only plants (grasshopper, bison, cow)

 Carnivore – eats only other animals (coyote, hawks, tigers)

 Omnivore – eats both (raccoons, bears, humans)

 Scavenger – eats only dead plants & animals (vulture)

 Decomposer – breaks down dead organisms (bacteria & fungi); they recycle nutrients

Food Chains – straight line – one organism eats the one below it – rare

Food Webs – organisms get energy from more than one source and provide energy to more than one organism

Energy Pyramids – shows an ecosystem’s loss of energy

\*All energy originally come from the sun when plants do photosynthesis