Chapter 18 Section 2

Living Things Need Energy

|  |  |
| --- | --- |
| Keyword(s) | Notes |
| Energy | * All living things need it * Sunlight is a source of energy |
| Producers | * Organism that uses sunlight directly to make food   Ex: grass, algae, trees   * Photosynthesis is a way a plant/algae can produce |
| Consumers | * Organisms that eat other organisms to obtain energy |
| Herbivore | * Consumer that eats only plants |
| Carnivore | * Consumer that eats only meat (animals) |
| Omnivore | * Consumer that eats plants and meat (animals) * Scavenger- special kind of omnivore that eats dead plants and meat (animals) |
| Decomposers | * Organisms that get energy by breaking down dead organisms   Ex: fungi, bacteria |
| Food Chain | * A diagram that shows how energy in food flows from one organism to another |
| Food Web | * A diagram that shows feeding relationships between organisms in an ecosystem |
| Energy Pyramid | * A diagram that shows an ecosystem’s loss of energy |
| Balance in ecosystems | * Too many or too few of an organism can destroy an ecosystem   Ex. Grey Wolf |