Chapter 18 Section 2

Living Things Need Energy

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| Keyword(s) | Notes |
| Energy | * All living things need it
* Sunlight is a source of energy
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| Producers | * Organism that uses sunlight directly to make food

Ex: grass, algae, trees* Photosynthesis is a way a plant/algae can produce
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| Consumers | * Organisms that eat other organisms to obtain energy
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| Herbivore | * Consumer that eats only plants
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| Carnivore | * Consumer that eats only meat (animals)
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| Omnivore | * Consumer that eats plants and meat (animals)
* Scavenger- special kind of omnivore that eats dead plants and meat (animals)
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| 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
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| Food Web | * A diagram that shows feeding relationships between organisms in an ecosystem
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| Energy Pyramid | * A diagram that shows an ecosystem’s loss of energy
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| Balance in ecosystems | * Too many or too few of an organism can destroy an ecosystem

Ex. Grey Wolf |