

# Chapter 3-2 Energy Flow

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**Task:** Create a document showing your understanding of energy and feeding relationships in ecosystems. Your document will need a food chain, a food web, and energy pyramids. You will need to

**Key vocab for today includes:** autotroph, producer, photosynthesis, chemosynthesis, heterotroph, consumer, herbivore, carnivore, omnivore, detritivore, decomposer, food chain, food web, trophic level, ecological pyramids (energy and biomass), and biomass

When working with definitions it is not enough to memorize the definition but you need to understand how it fits into the bigger picture.

**How:** Using your text and the web discover how energy flows in an ecosystem.

<http://www.youtube.com/watch?v=KGal4qAQbRg>

Somewhat detailed seems long but calming...misses info on chemosynthesis.

<http://www.youtube.com/watch?v=RFx1CPFUSss>

Simple food chain example/Food Web.

[http://www.youtube.com/watch?v=B-Cq8qym\\_w](http://www.youtube.com/watch?v=B-Cq8qym_w)

Ocean food chain/web

<http://www.youtube.com/watch?v=AfI8iDYzJxU>

Example how to draw a food chain...you will need more detail

<http://www.youtube.com/watch?v=6iOul67MGvk>

Rainforest food chain: it's missing the actual interactions NB this is a fourth grade level project ... so yes I expect more.