

2.1 The Transfer of Energy in Ecosystems



Across

3. Primary consumers eat _____.
5. A fish feeds on algae in a lake. A raccoon eats the fish and a wolf eats the raccoon. Which animal is the tertiary consumer?
7. At each step in a _____, less energy is available to the next consumer.
10. A fish feeds on algae in a lake. A raccoon eats the fish and a wolf eats the raccoon. What is the producer in this food chain?
11. The energy transfer in an ecosystem always begins with the _____ and producers.
12. Secondary consumers may be eaten by other carnivores or omnivores which are called _____ consumers.
13. A group of interconnected food chains is called a food _____.

Down

1. There are _____ organisms at each level as you move up an energy pyramid.
2. Only _____ energy is available to the next level in a food chain.
4. As a food chain gets _____, less of the Sun's energy is transferred from one biotic element to the next.
6. At each level of a food chain, some _____ is used for living, a lot is given off as heat, and some is stored.
8. Both herbivores and _____ are primary consumers.
9. A food web is more _____ than a food chain.
11. The energy in your body ultimately comes from the _____.