**Energy in Ecosystems Quiz**

**Name: Date:**

1. **(L.2.1.) What is a Food Chain?** 
   1. **Community of animals that live in a specific habitat**
   2. **Community of plants living in a specific habitat**
   3. **Feeding Hierarchy (chart) that illustrates how energy is passed in an ecosystem**
   4. **Many ecosystems put together**
2. **(L.2.1.) What is a Food Web?**
   1. **Community of animals that live in a specific habitat**
   2. **Community of plants that live in a specific habitat**
   3. **Feeding Hierarchy (chart) that illustrates how energy is passed in an ecosystem**
   4. **Multiple food chains that depend on each other for survival**
3. **(L.2.1.) What is the role of a Producer in an Ecosystem?**
   1. **Break down dead plant & animal material to put nitrogen back into the soil**
   2. **To create food webs**
   3. **Go through transpiration**
   4. **Make their own food and pass energy on to consumers**
4. **(L.2.1.) What is the role of a Consumer in an Ecosystem?**
   1. **Eat producers & pass energy on to other consumers**
   2. **Break down dead plant & animal material to put nitrogen back into the soil**
   3. **They don’t do anything for the ecosystem**
   4. **Make their own food & pass energy onto consumers**
5. **(L.2.1.) Where is the role of a Decomposer in an Ecosystem?**
   1. **Eat producers & pass energy to other consumers**
   2. **Break down dead plant & animal material to put nitrogen back into the soil**
   3. **They don’t really do anything for the ecosystem**
   4. **Make their own food & pass energy to consumers**
6. **(L.2.1.) What is an animal that only eats plants called?**
   1. **Carnivore**
   2. **Herbivore**
   3. **Omnivore**
   4. **Food Web**
7. **(L.2.1.) What is an animal that only eats other animals called?**
   1. **Carnivore**
   2. **Herbivore**
   3. **Omnivore**
   4. **Food Web**
8. **(L.2.1.) What is an animal that eats both plants & animals called?**
   1. **Carnivore**
   2. **Herbivore**
   3. **Omnivore**
   4. **Food Web**
9. **(L.2.1.) What does a Food Chain always start with?**
   1. **Sun**
   2. **Carnivore**
   3. **Consumer**
   4. **Producer**
10. **(L.2.1.) What happens to energy as it is passed each time throughout the food chain?**
    1. **Energy is not affected by passing through a food chain**
    2. **Energy that is passed remains the same as it is passed**
    3. **Less & less energy is passed with each step**
    4. **More & more energy is passed with each step**